

Remediation and Closure Report

Oil 6" Steel MB Charolais 28 21 Lea County Incident ID: nAPP2126542912

Prepared For:

3 Bear Delaware Operating-NM, LLC 1512 Larimer St. Suite 540 Denver, CO 80202

Prepared By:

TALON/LPE 408 W. Texas Avenue Artesia, NM 88210

November 16, 2021



Mr. Chad Hensley **NMOCD District 1** 811 S. 1st Street Artesia, NM 88210

Subject: Remediation and Closure Report

Oil 6" Steel MB Charolais 28 21

Lea County

Incident ID: nAPP2126542912

Mr. Hensley,

3 Bear Delaware Operating-NM, LLC (3Bear) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The results of our soil assessment and remediation activities are contained herein.

Site Information

The Oil 6" Steel MB Charolais 28 21 is located approximately Twenty (20) miles west of Hobbs, New Mexico. The legal location for this release is Section 28, Township 19 South and Range 35 East in Lea County, New Mexico. More specifically the latitude and longitude for the release are 32.625833 North and -103.470556 West. A site plan is presented in Appendix I.

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of Kermit soils and Dune land, with a 0-12 percent slope. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology in the Ogallala formation in the lower Pliocene to middle Miocene in age and is comprised of eolian deposits derived from sedimentary rock. Drainage courses in this area are well drained Appendix II.

The New Mexico Office of the State Engineer Database indicates the nearest reported depth to groundwater is 22-feet below ground surface (BGS), as referenced in POD (Point of Diversion) record L 14876 POD4. The reference POD indicated that depth to water is 22' (below ground surface) bgs.

Site Characterization

Pursuant to Table I, New Mexico Oil Conservation Division (NMOCD) Rule 19.15.29 of the New Mexico Administrative Code (NMAC), if a release occurs within the following areas, the responsible party must treat the release as if it occurred less than 50 feet to the groundwater.

Approximate Depth to	Groundwater	22 Feet/BGS
☐Yes ⊠No	Within 300 feet of any continuously flowing watercou any other significant watercourse	rse or
□Yes ⊠No	Within 200 feet of any lakebed, sinkhole or playa lake	Э
□Yes ⊠No	Within 300 feet from an occupied permanent residen school, hospital, institution or church	ce,
□Yes ⊠No	Within 500 feet of a spring or a private, domestic fres well used by less than five households for domestic of watering purposes	
□Yes ⊠No □Yes ⊠No	Within 1000 feet of any fresh water well or spring Within incorporated municipal boundaries or within a Municipal fresh water well field covered under a mun ordinance adopted pursuant to Section 3-2703 NMS/	icipal
□Yes ⊠No □Yes ⊠No □Yes ⊠No □Yes ⊠No	Within 300 feet of a wetland Within the area overlying a subsurface mine Within an unstable area Within a 100-year floodplain	

This release did not occur within any of these areas. However, the impacted area is situated in pasture area, and the analytical data indicates Total Petroleum Hydrocarbons (TPH) in excess of 100 mg/kg. As such, the upper 4-feet of this area will be restored to levels set forth in Table 1, 19.15.29 NMAC closure criteria. Therefore, the reclamation closure criteria for this site will be as follows:

	Tab Closure Criteria for Soils		
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/I TDS	Constituent	Method	Limit
<u>< 50'</u>	Chloride	EPA 300.0 or SM4500 CI B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Incident Description

According to the C-141: on or about September 09, 202, the 6" pipeline had developed a leak. The leak resulted in a release of approximately 36 (barrels) bbl. 3 Bear Energy personnel took proactive measures by dispatching a vac truck that was utilized to recover approximately 4 bbl. of the freestanding fluid (Appendix III).

Site Assessment

On September 11, 2021 Talon mobilized personnel to begin the site assessment and soil sampling activities of the sidewalls. Dirt work completed by others in an effort to remove saturated soils, revealed that the impacted area had been excavated to depths of approximately 4' to 6' bgs. Composite soil samples were collected within and around the impacted area utilizing a hand auger to the extent that refusal was encountered. All soil samples were properly collected, packaged, preserved, and transported to Hall Laboratories for analysis of Total Chloride analyte (Method EPA 300.0), BTEX (Benzene, Toluene, Ethylbenzene, and Xylenes Method 8021), and TPH (Total Petroleum Hydrocarbons Method 8015 M/D). A complete laboratory report can be found in Appendix VI.

Table I 09/22/2021 Lab Report

						-			
Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
NMO	CD Table 1 Clos	sure	50	10	DRO	+ GRO + 1	MRO	100	600
Crite	ria 19.15.29 NN	ЛАС	mg/kg	mg/kg	combir	ned = 100	mg/kg	mg/kg	mg/kg
S. SW-1	9/17/2021	7'	ND	ND	ND	ND	ND	0	ND
S. SW-2	9/17/2021	7'	ND	ND	ND	ND	ND	0	ND
S. SW-3	9/17/2021	7'	ND	ND	ND	ND	ND	0	ND
S. SW-4	9/17/2021	7'	ND	ND	ND	46	ND	46	ND
S. SW-5	9/17/2021	4'	ND	ND	ND	160	98	258	ND
3. 3VV-5	10/4/2021	6'	ND	ND	ND	ND	ND	0	840
S. SW- 5A	10/13/2021	7'	ND	ND	ND	ND	ND	ND	80
S. SW-6	9/17/2021	4'	ND	ND	ND	18	ND	18	ND
NI CVA/ 1	9/17/2021	7'	ND	ND	5.3	270	140	415.3	ND
N. SW-1	10/4/2021	7'	ND	ND	ND	ND	ND	0	ND
N.SWA- LR	10/01/1021	5'	ND	ND	ND	ND	ND	ND	160
N. SW-2	9/17/2021	7'	ND	ND	ND	ND	ND	0	ND
N. SW-3	9/17/2021	7'	ND	ND	ND	ND	ND	0	ND
N. SW-4	9/17/2021	7'	ND	ND	ND	ND	ND	0	ND
N. SW-5	9/17/2021	4'	ND	ND	ND	14	ND	14	ND
N. SW-6	9/17/2021	4'	ND	ND	ND	17	ND	17	ND
W. SW	9/17/2021	7'	ND	ND	ND	36	ND	36	ND
E. SW	9/17/2021	4'	ND	ND	ND	23	ND	23	ND

ND= Analyte Not Detected

BH=Bore Hole

SW=Sidewall

R=Refusal

The full laboratory report can be viewed in Appendix VI.

On September 22, 2021, Talon personnel and equipment mobilized to the site in order to vertically delineate the impacted area at and near the source. Two bore holes were advanced utilizing a Geo push rig. At B-2 refusal was encountered at 26 feet bgs. The soil samples were transported to Eurofins Laboratories and analyzed for Total Chlorides, TPH, and BTEX. The results are tabled below for ease of reference.

Table II 9/30/2021

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
NMOC	D Table 1 Clo	osure	50	10	DRO	+ GRO +	MRO	100	600
Criter	ia 19.15.29 N	MAC	mg/kg	mg/kg	combin	ned = 100	mg/kg	mg/kg	mg/kg
	9/22/2021	8'	15.1	0.07	206	1630	ND	1836	373
	9/22/2021	10'	3.29	ND	49.4	831	ND	880.4	324
	9/22/2021	12-13'	ND	ND	43.3	382	ND	425.3	128
B-1	9/22/2021	14-15'	0.08	ND	30.2	172	ND	202.2	198
P-1	9/22/2021	16-17'	0.01	ND	ND	19.6	ND	19.6	109
	9/22/2021	18'	0.02	ND	ND	ND	ND	0	123
	9/22/2021	21-22'	0.01	ND	ND	ND	ND	0	26.7
	9/22/2021	25-26'	ND	ND	15.7	ND	ND	15.7	49.4
	9/22/2021	8'	6.96	0.1	86.3	278	ND	364.3	66.9
	9/22/2021	10'	0.4	ND	38.5	241	ND	279.5	446
	9/22/2021	12-13'	0.02	ND	ND	24.4	ND	24.4	558
	9/22/2021	14-15'	10.9	ND	237	918	ND	1155	157
B-2	9/22/2021	16-17'	10.8	ND	146	752	ND	898	58
	9/22/2021	18'	ND	ND	303	1070	ND	1373	240
	9/22/2021	21-22'	ND	ND	92	406	ND	498	37.7
	9/22/2021	23-24'	ND	ND	20.5	78.9	ND	99.4	49.4
	9/22/2021	26'	ND	ND	469	1210	155	1834	118
			ND = /	Analyte Not	t Detecte	<u></u> d			

The full laboratory report can be viewed in Appendix VI.

Remedial Actions

Due to the results from the aforementioned boring event for vertical delineation; the impacted area has been excavated by 3 Bear Energy from depths of 4' bgs. to 26.5' bgs., or to the extent practicable due to infrastructure. The bottom as well as the sidewalls were advanced and excavated to the extent that, all impacted soils above closure criteria and or the NMOCD recommendations were removed. The south sidewall was extended to encompass a portion of the county road. County permission was obtained, and all safety precautions including traffic control were observed. All excavated material has been transported and disposed of at Lazy Ace Landfill, an NMOCD approved facility. Excavation and sample area maps are attached in Appendix I.

Confirmation soil samples were collected approximately every 200 square feet on the sidewalls and of the excavation bottom on a composite basis, and analyzed for Total Chlorides, BTEX, and TPH confirming the levels left in place. The site excavation maps complete with sample positions are attached in Appendix I. All soil samples were properly retrieved, preserved, and transported to Hall Laboratories. The complete laboratory reports are attached in Appendix VI

Closure

Pursuant to NMOCD guidelines the excavation was advanced vertically and horizontally to the extent that the sidewalls and excavation floor tested for chlorides <600 mg/kg, and TPH <100 mg/kg. The excavation in the pasture area was backfilled with fresh, clean caliche to within 4 feet of surface, and capped with native topsoil, then seeded with BLM (Bureau of Land Management) LPC seed mixture (Appendix V) in order to facilitate vegetation. The impacted area in the county lease road was backfilled with clean caliche, compacted and restored to grade, as documented with photo's (Appendix IV).

Talon LPE, on behalf of 3 Bear Energy respectfully submits this closure report, requesting that no further action be required and the regulatory file be closed.

Should you have any questions or if further information is required, please do not hesitate to contact our office at 575-746-8768.

Respectfully submitted,

TALON/LPE

Rebecca Pons Senior Environmental Project Manager

Attachments:
Appendix I Site Maps
Appendix II Soil Survey, Groundwater Data, and Boring Log
Appendix III C-141 Forms
Appendix IV Photo Documentation
Appendix V Seed Tags
Appendix VI Laboratory Data



<u>APPENDIX I</u>

SITE MAP

KARST MAP

TOPO MAP

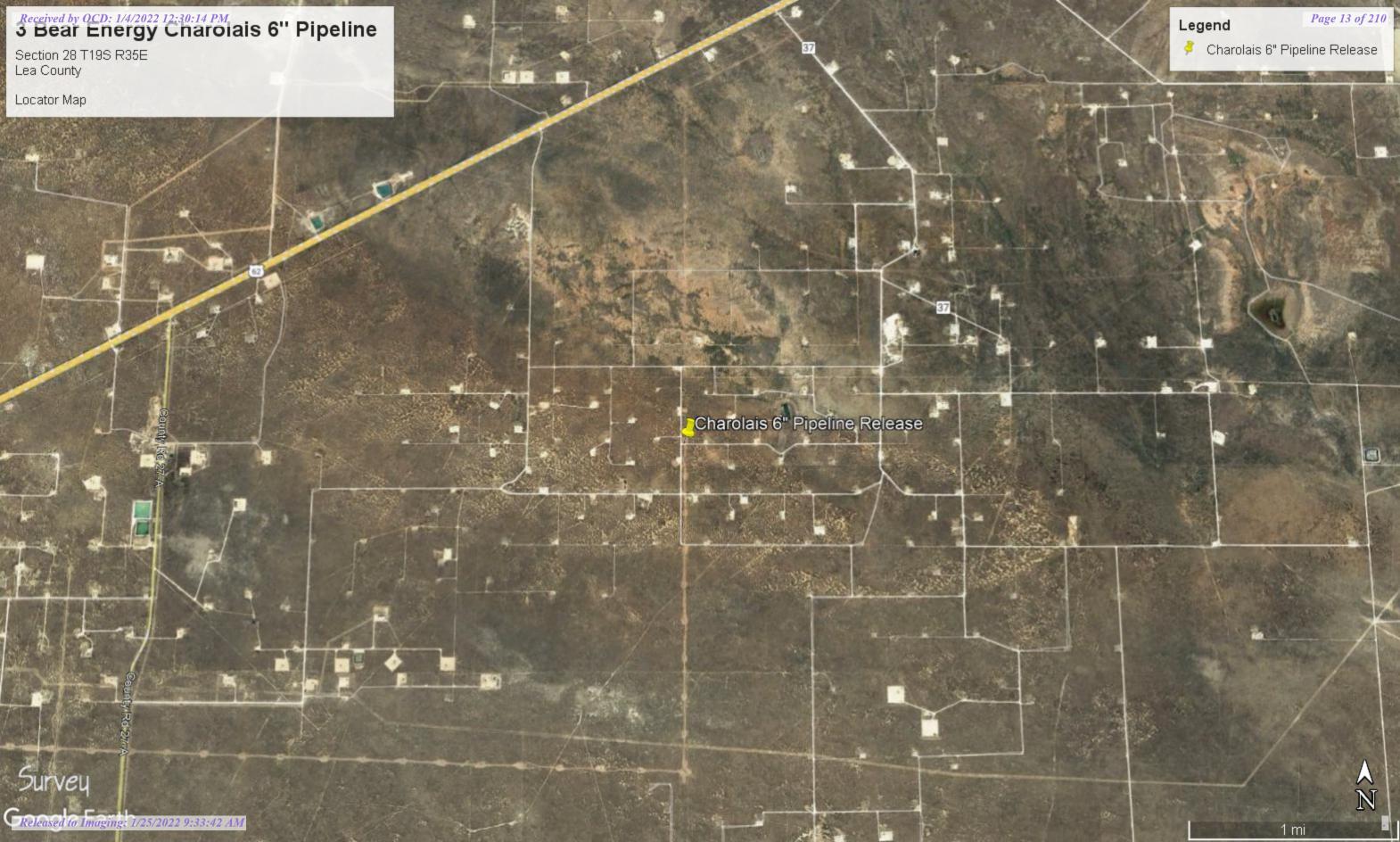
LOCATION MAP













<u>APPENDIX II</u>

GROUNDWATER DATA

SOIL SURVEY



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned,

C=the file is

POD

closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to

largest) (NAD83 UTM in meters)

(In feet)

		Sub-		a	Q	G								V	Vater
POD Number	Code		County	64	16	4			_	X	Υ	Distance	DepthWellDep		
<u>L 14876 POD14</u>		L	LE	2	1	2	32	19S	35E	643023	3610529	553			
L 14876 POD3		L	LE	2	1	2	32	19S	35E	643014	3610535	558	40	0	40
L 14876 POD7		L	LE	2	1	2	32	19S	35E	643026	3610515 🌕	559		19	
L 14876 POD4		L	LE	2	1	2	32	19S	35E	643016	3610516 🌕	567	25	22	3
L 14876 POD9		L	LE	2	1	2	32	19S	35E	643000	3610508 🌕	584			
L 14876 POD11		L	LE	2	1	2	32	19S	35E	642990	3610522 🌍	585			
L 14876 POD5		L	LE	2	1	2	32	19S	35E	642992	3610517 🌕	586			
L 14876 POD10		L	LE	2	1	2	32	19S	35E	642998	3610500 🌑	591			
L 14876 POD1		L	LE	2	1	2	32	198	35E	643011	3610472 🌑	597	25	0	25
L 14876 POD8		L	LE	2	1	2	32	198	35E	642983	3610507 🌑	599			
L 14876 POD13		L	LE	2	1	2	32	198	35E	642987	3610500 🌍	600		18	
L 14876 POD12		L	LE	2	1	2	32	19S	35E	642974	3610515 🌍	602			
L 14876 POD2		L	LE	2	1	2	32	19S	35E	642992	3610483 🌕	606	37	28	9
L 12473 POD1		L	LE	2	1	2	27	19S	38E	643913	3612109 🌕	1339	105	60	45
L 12746 POD1		L	LE	4	2	4	27	19S	38E	643913	3612109	1339	128	58	70
<u>L 02250</u>		L	LE	1	3	3	22	198	35E	645137	3612586*	2405	50	20	30
<u>L 03843</u>		L	LE		3	3	22	198	35E	645238	3612487*	2407	73	27	46
<u>L 04101</u>		L	LE		3	3	22	198	35E	645238	3612487*	2407	50	35	15
L 14552 POD12		L	LE	2	3	2	04	20S	35E	644535	3608505	2561	1389		
<u>L 03844</u>		L	LE		1	3	22	198	35E	645232	3612891*	2695	71	27	44
<u>L 04158</u>		L	LE		2	4	05	20S	35E	643290	3608008*	2839	70	64	6
<u>L 04290</u>		L	LE	3	4	1	22	198	35E	645528	3613198*	3121	45	18	27
<u>L 09569</u>		L	LE		4	3	17	19S	35E	642394	3614063*	3400	80	30	50
<u>L 08941</u>		L	LE	2	3	3	19	19S	35E	640510	3612523	3415	600	286	314
L 08234 S2		L	LE			3	17	19S	35E	642192	3614259*	3653	126	80	46
<u>L 09468</u>		L	LE		3	3	15	19S	35E	645214	3614102*	3692	52	28	24
<u>L 08234</u>		L	LE	2	2	3	17	198	35E	642487	3614566*	3855	120	90	30
<u>L 04583</u>		L	LE		4	3	15	198	35E	645617	3614107*	3902	55	18	37
CP 00683 POD1		СР	LE	3	3	4	25	198	34E	639530	3610685*	3954	120	28	92
L 04157		L	LE		3	3	06	20S	35E	640483	3607561*	4443	70	64	6
L 04116 S		L	LE		1	2	02	20S	35E	647710	3608881*	4660	55	50	5
L 08234 S		L	LE	4	4	1	18	19S	35E	640871	3614751*	4701	106	60	46
<u>L 04763</u>		L	LE	4	1	1	15	19S	35E	645295	3615211*	4731	75	20	55

CP 01672 POD1	СР	LE	1 :	3 1	36	19S	34E	638736	3610009	4817	100
L 14208 POD1	L	LE	2 :	2 2	18	19S	35E	641685	3615464 🌑	4960	78
L 06801	L	LE		3	14	19S	35E	647027	3614322*	4968	92

Average Depth to Water: 46 feet

Minimum Depth: 0 feet

Maximum Depth: 286 feet

Record 36 Count:

UTMNAD83 Radius Search (in meters):

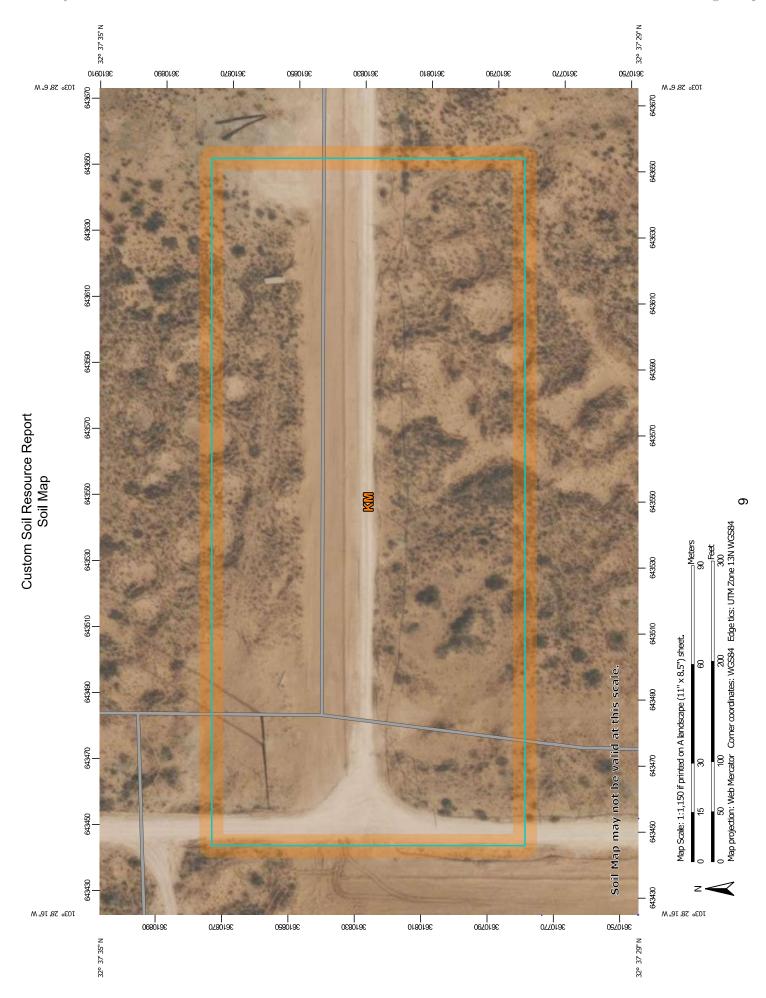
Easting (X): 643481.48 Northing (Y): 3610840.64 Radius: 5000

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

9/23/21 1:04 PM

WATER COLUMN/ AVERAGE DEPTH TO



This product is generated from the USDA-NRCS certified data as distance and area. A projection that preserves area, such as the contrasting soils that could have been shown at a more detailed Maps from the Web Soil Survey are based on the Web Mercator Feb 7, 2020—May Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background projection, which preserves direction and shape but distorts Soil map units are labeled (as space allows) for map scales imagery displayed on these maps. As a result, some minor Source of Map: Natural Resources Conservation Service Albers equal-area conic projection, should be used if more The soil surveys that comprise your AOI were mapped at 1:20,000. line placement. The maps do not show the small areas of Please rely on the bar scale on each map sheet for map accurate calculations of distance or area are required Coordinate System: Web Mercator (EPSG:3857) MAP INFORMATION Warning: Soil Map may not be valid at this scale. Soil Survey Area: Lea County, New Mexico Version 17, Jun 8, 2020 Date(s) aerial images were photographed: of the version date(s) listed below. Web Soil Survey URL: Survey Area Data: 1:50,000 or larger measurements. 12, 2020 Special Line Features Streams and Canals Interstate Highways Aerial Photography Very Stony Spot Major Roads Local Roads Stony Spot Spoil Area **US Routes** Wet Spot Other Nater Features **Transportation 3ackground** MAP LEGEND W Ī Soil Map Unit Polygons Severely Eroded Spot Area of Interest (AOI) Soil Map Unit Points Miscellaneous Water Soil Map Unit Lines Closed Depression Marsh or swamp Perennial Water Mine or Quarry Special Point Features **Gravelly Spot** Rock Outcrop Saline Spot Sandy Spot Slide or Slip Gravel Pit Sodic Spot **Borrow Pit** Lava Flow Clay Spot Area of Interest (AOI) Sinkhole Blowout Landfill 9 Soils

shifting of map unit boundaries may be evident.

Custom Soil Resource Report

Lea County, New Mexico

KM—Kermit soils and Dune land, 0 to 12 percent slopes

Map Unit Setting

National map unit symbol: dmpx Elevation: 3,000 to 4,400 feet

Mean annual precipitation: 10 to 15 inches Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 46 percent

Dune land: 44 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kermit

Setting

Landform: Dunes

Landform position (two-dimensional): Shoulder, backslope, footslope

Landform position (three-dimensional): Side slope Down-slope shape: Convex, linear, concave

Across-slope shape: Convex

Parent material: Calcareous sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 8 inches: fine sand C - 8 to 60 inches: fine sand

Properties and qualities

Slope: 5 to 12 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Excessively drained

Runoff class: Very low

Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 3 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

Ecological site: R042XC022NM - Sandhills

Hydric soil rating: No

Custom Soil Resource Report

Description of Dune Land

Setting

Landform: Dunes

Landform position (two-dimensional): Shoulder, backslope, footslope

Landform position (three-dimensional): Side slope Down-slope shape: Convex, linear, concave

Across-slope shape: Convex

Typical profile

A - 0 to 6 inches: fine sand C - 6 to 60 inches: fine sand

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8e

Hydrologic Soil Group: A Hydric soil rating: No

Minor Components

Palomas

Percent of map unit: 3 percent

Ecological site: R042XC003NM - Loamy Sand

Hydric soil rating: No

Pyote

Percent of map unit: 3 percent

Ecological site: R042XC003NM - Loamy Sand

Hydric soil rating: No

Wink

Percent of map unit: 2 percent

Ecological site: R042XC003NM - Loamy Sand

Hydric soil rating: No

Maljamar

Percent of map unit: 2 percent

Ecological site: R042XC003NM - Loamy Sand

Hydric soil rating: No



APPENDIX III

C-141 FORMS District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2126542912
District RP	
Facility ID	
Application ID	

Release Notification

			Resp	onsi	ble Party	y			
Responsible	Party: 3 Bea	r Delaware Opera	ting – NM, LLC	OGRID: 3	OGRID: 372603				
Contact Nam	ne: Liz Klein	l			Contact Te	elephone: (303) 8	382-4404		
Contact ema	il: lklein@3t	pearllc.com			Incident #	(assigned by OCD)			
Contact mail 80202	ing address	1512 Larimer St. S	Suite 540, Denver,	, CO	1				
			Location	of R	Release So	ource			
Latitude 32	.625833		(NAD 83 in dec	cimal de	egrees to 5 decin		ongitude	-103.470556	
Site Name: C	OIL 6" STEE	EL MB Charolais 2	28 21		Site Type:	Pipeline			
Date Release	Discovered:	9/9/2021			API# (if app	licable):			
Unit Letter	Section	Township	Range		Coun	nty			
	28	19S	35E	Lea		-			
Surface Owner	r: 🛛 State	☐ Federal ☐ Tı	ribal Private						
			_	1 T 7 1		D 1			
			Nature and	1 VO	iume of i	Keiease			
			ll that apply and attach					d below)	
Crude Oil			d (bbls) Initial es			Volume Recov		1 1 1 1	
			bls on the surface length x width x d					ce by a hydrovac and I by soil excavation	
			it is estimated ano			Temaning 32 0	ous recovered	1 by son excavation	
		1	soil. Total volume						
Produced	Water	Volume Release				Volume Recov	rered (bbls)		
		Is the concentrate	tion of dissolved c	hloride	e in the	☐ Yes ☐ No)		
		produced water							
Condensa Condensa	ite	Volume Release	ed (bbls)			Volume Recov	rered (bbls)		
☐ Natural G	ias	Volume Release	ed (Mcf)			Volume Recov	rered (Mcf)		
Other (de	scribe)	Volume/Weight	Released (provide	e units)	Volume/Weigh	nt Recovered	(provide units)	

Received by OCD: 1/4/2022 12:30:14 PM Form C-141 State of New Mexico Page 2 Oil Conservation Division

Page 23 of 210

Incident ID	nAPP2126542912
District RP	
Facility ID	
Application ID	

Cause of Release: Pipe f	failure. Investigating cause of failure. Pipe sent to laboratory for analysis.
Was this a major	If YES, for what reason(s) does the responsible party consider this a major release?
release as defined by 19.15.29.7(A) NMAC?	Because the spill was greater than 25 bbls in volume this incident is considered a major release.
⊠ Yes □ No	
	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
	ven by email by Elisabeth Klein, 3Bear Energy, on 9/14/2021 to Mike Bratcher and emnrd-ocd- us; however, at the time it was reported as a 6 bbls spill since investigation and excavation was still ongoing.
	ause the spill occurred on state land. GPS coordinates received on 9/9/2021 were incorrect. When it was rred on state land; the New Mexico State Land Office and OCD were notified.
determined the spin occur	rred on state land, the New Mexico State Land Office and OCD were notified.
	Initial Response
The responsible	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.
The impacted area ha	s been secured to protect human health and the environment.
Released materials ha	ave been contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain why:
D 10 17 20 0 D (4) ND	
	AC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred
	nt area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

Received by OCD: 1/4/2022 12:30:14 PM Form C-141 State of New Mexico Page 3 Oil Conservation Division

	Page 24 of 21	0
Incident ID	nAPP2126542912	
District RP		
Facility ID		

Application ID

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: ______ Elisabeth Klein ______ Title: ______ Director, EHS Regulatory Compliance

Signature: _______ Date: _______ 9/24/2021

email: ______ Iklein@3bearllc.com ______ Telephone: ______ (303) 882-4404

OCD Only

Received by: _______ Date: _______

Page 25 of 210 Incident ID nAPP2126542912 District RP Facility ID Application ID

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.
 ☑ Detailed description of proposed remediation technique ☑ Scaled sitemap with GPS coordinates showing delineation points ☑ Estimated volume of material to be remediated
 \int Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC \int Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
Extents of contamination must be fully delineated.
Contamination does not cause an imminent risk to human health, the environment, or groundwater.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name:Elisabeth Klein Title:Director, EHS Regulatory Compliance
Signature: Date:11/15/2021
email:lklein@3bearkllc.com Telephone:303-882-4404
OCD Only
Received by: Date:
Approved
Signature: Date:

Page 26 of 210

Incident ID	nAPP2126542912
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following	items must be included in the closure report.								
A scaled site and sampling diagram as described in 19.15.29.11 NMAC									
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)									
□ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)									
Description of remediation activities									
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and replacement human health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in								
Printed Name:Elisabeth Klein	Title:Director, EHS Regulatory Compliance								
Signature:	Date: <u>11/15/2021</u>								
email: <u>lklein@3bearllc.com</u>	Telephone: <u>303-882-4404</u>								
OCD Only									
Received by: Chad Hensley	Date: 01/25/2022								
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.								
Closure Approved by:	Date: _ 01/25/2022								
Printed Name: Chad Hensley	Title: Environmental Specialist Advanced								



APPENDIX IV

PHOTOGRAPHIC DOCUMENTATION

3 Bear Delaware Operating Oil 6" Steel MB Charolais 28 21

PHOTO DOCUMENTATION



6" Line Exposed-Source and surfacant impact



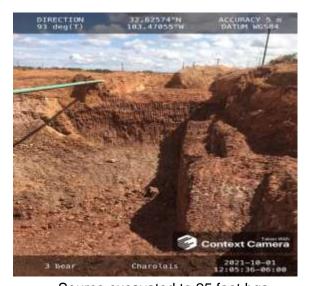
Spill Run looking East-Excavated



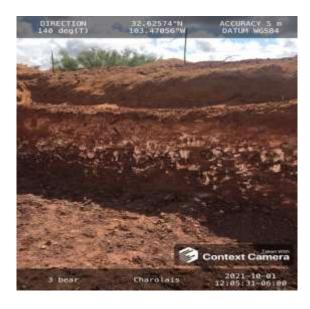
County lease road excavated (S. Sidewall)



Spill Run looking East-North of county lease rd.



Source excavated to 25 feet bgs.



S. Sidewall of lease road

3 Bear Delaware Operating Oil 6" Steel MB Charolais 28 21



Excavation of N. Sidewall

Completion Photo



Backfilled to grade



APPENDIX V SEED TAG

Released to Imagents and Curtis Seed Woo North Prince Dovis, NM 88101 Dhone: (575) 762-4759 9:33:42

BLM LCP Seed Mix

ot#. 1473

Other Crop: Weed Seed:

Inert Matter: Noxious:

	em lains Bristlegrass Variety Not Stated	<u>Origin</u> Oklahoma	Purity 18.48%	<u>Germ</u> 6.00%	<u>Dormant</u> 93.00%	Germ & Dormant 99.00%	Test Date 01/19
	and Bluestem Goldstriker	Nebraska	18.48%	87.00%	12.00%	99.00%	05/19
	ittle Bluestem Cimarron	Kansas	11.44%	36.00%	60.00%	96.00%	12/18
Bi	g Bluestem Kaw	Texas	22.87%	96.00%	0.00%	96.00%	11/18
	Plains	Oregon	7.55%	91.00%	6.00%	97.00%	05/19
Sa	nd Dropseed Variety Not Stated	Colorado	3.90%	3.00%	91.00%	94.00%	05/19

There Are 1 Bags For This Mix This Bag Weighs 27.33 Bulk Pounds Use This Bag For 1 Acres Broadcast Rate

Total Bulk Pounds: 27.33

1 Acre 702248.033.01

0.10% 0.17% 17.02% None

Curtis and Curtis Seed 4500 North Prince Clovis, NM 88101 Phone: (575) 762-4759

BLM LCP Seed Mix

Lot#: 1473

Item Plains Bristlegrass Variety Not Stated	Origin Oklahoma	Purity 18.48%	Germ 6.00%	s.00%	Germ & Dormant 99.00%	Test Date 01/19
Sand Bluestem Goldstriker	Nebraska	18.48%	87.00%	12.00%	99.00%	05/19
Little Bluestem Cimarron	Kansas	11.44%	36.009	60.00%	96.00%	12/18
Big Bluestem	Texas	22.87%	96.00	~0.00%	96.00%	11/18
Coreopsis Plains	Oregon	7.55%	91.00%	6.00%	97.00%	05/19
Sand Dropseed Variety Not Stated	Colorado	3.90%	3.00	91.00%	94.00%	05/19
Other Crops	1	, 4		1 11-	1	-0

Other Crop: Weed Seed: Inert Matter: Noxious: 0.10% · 0.17% 17.02% None

There Are 2 Bags For This Mix This Bag Weighs 27.33 Bulk Pounds Use This Bag For 1 Acres Broadcast Rate

Total Buik 1 ands: 54.66

2 acre 702248.036.01



APPENDIX VI LABORATORY DATA



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

September 22, 2021

Rebecca Pons
Talon Artesia
408 West Texas Ave
Artesia, NM 88210
TEL:
FAX

RE: Charolais 6 inch Pipeline OrderNo.: 2109653

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 12 sample(s) on 9/14/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 2109653

Date Reported: 9/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-1 6'

 Project:
 Charolais 6 inch Pipeline
 Collection Date: 9/11/2021 9:35:00 AM

 Lab ID:
 2109653-001
 Matrix: SOIL
 Received Date: 9/14/2021 7:20:00 AM

Analyses	Result	RL	Qual U	nits	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	ND	60	m	ng/Kg	20	9/15/2021 8:43:59 PM	62598
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: SB
Diesel Range Organics (DRO)	25	8.7	m	ng/Kg	1	9/15/2021 1:07:02 PM	62578
Motor Oil Range Organics (MRO)	ND	44	m	ng/Kg	1	9/15/2021 1:07:02 PM	62578
Surr: DNOP	109	70-130	%	6Rec	1	9/15/2021 1:07:02 PM	62578
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	m	ng/Kg	1	9/15/2021 11:10:47 AM	62575
Surr: BFB	108	70-130	%	6Rec	1	9/15/2021 11:10:47 AM	62575
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.025	m	ng/Kg	1	9/15/2021 11:10:47 AM	62575
Toluene	ND	0.050	m	ng/Kg	1	9/15/2021 11:10:47 AM	62575
Ethylbenzene	ND	0.050	m	ng/Kg	1	9/15/2021 11:10:47 AM	62575
Xylenes, Total	ND	0.099	m	ng/Kg	1	9/15/2021 11:10:47 AM	62575
Surr: 4-Bromofluorobenzene	88.0	70-130	%	6Rec	1	9/15/2021 11:10:47 AM	62575

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 17

Analytical Report Lab Order 2109653

Date Reported: 9/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-2 6'

 Project:
 Charolais 6 inch Pipeline
 Collection Date: 9/11/2021 9:38:00 AM

 Lab ID:
 2109653-002
 Matrix: SOIL
 Received Date: 9/14/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	ND	60		mg/Kg	20	9/15/2021 8:56:23 PM	62598
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst	: SB
Diesel Range Organics (DRO)	2000	95		mg/Kg	10	9/15/2021 1:36:10 PM	62578
Motor Oil Range Organics (MRO)	760	470		mg/Kg	10	9/15/2021 1:36:10 PM	62578
Surr: DNOP	0	70-130	S	%Rec	10	9/15/2021 1:36:10 PM	62578
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	60	24		mg/Kg	5	9/15/2021 3:54:08 PM	62575
Surr: BFB	190	70-130	S	%Rec	5	9/15/2021 3:54:08 PM	62575
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.12		mg/Kg	5	9/15/2021 3:54:08 PM	62575
Toluene	0.30	0.24		mg/Kg	5	9/15/2021 3:54:08 PM	62575
Ethylbenzene	0.92	0.24		mg/Kg	5	9/15/2021 3:54:08 PM	62575
Xylenes, Total	1.5	0.48		mg/Kg	5	9/15/2021 3:54:08 PM	62575
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5	9/15/2021 3:54:08 PM	62575

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 17

Analytical Report Lab Order 2109653

Date Reported: 9/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-3 6'

 Project:
 Charolais 6 inch Pipeline
 Collection Date: 9/11/2021 9:41:00 AM

 Lab ID:
 2109653-003
 Matrix: SOIL
 Received Date: 9/14/2021 7:20:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: VP
Chloride	ND	60	mg/Kg	20	9/15/2021 9:08:48 PM	62598
EPA METHOD 8015M/D: DIESEL RANGE ORGANIC					Analyst	:: SB
Diesel Range Organics (DRO)	30	8.8	mg/Kg	1	9/15/2021 1:46:07 PM	62578
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	9/15/2021 1:46:07 PM	62578
Surr: DNOP	115	70-130	%Rec	1	9/15/2021 1:46:07 PM	62578
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/15/2021 11:34:16 AM	1 62575
Surr: BFB	105	70-130	%Rec	1	9/15/2021 11:34:16 AM	62575
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	9/15/2021 11:34:16 AM	62575
Toluene	ND	0.049	mg/Kg	1	9/15/2021 11:34:16 AM	62575
Ethylbenzene	ND	0.049	mg/Kg	1	9/15/2021 11:34:16 AM	62575
Xylenes, Total	ND	0.099	mg/Kg	1	9/15/2021 11:34:16 AM	62575
Surr: 4-Bromofluorobenzene	88.8	70-130	%Rec	1	9/15/2021 11:34:16 AM	62575

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 17

Analytical Report

Lab Order **2109653**Date Reported: **9/22/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-4 6'

 Project:
 Charolais 6 inch Pipeline
 Collection Date: 9/11/2021 9:44:00 AM

 Lab ID:
 2109653-004
 Matrix: SOIL
 Received Date: 9/14/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	ND	60		mg/Kg	20	9/15/2021 9:21:12 PM	62598
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: SB
Diesel Range Organics (DRO)	1500	19		mg/Kg	2	9/16/2021 12:44:00 PM	62578
Motor Oil Range Organics (MRO)	630	93		mg/Kg	2	9/16/2021 12:44:00 PM	62578
Surr: DNOP	89.5	70-130		%Rec	2	9/16/2021 12:44:00 PM	62578
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	88	24		mg/Kg	5	9/15/2021 5:29:00 PM	62575
Surr: BFB	235	70-130	S	%Rec	5	9/15/2021 5:29:00 PM	62575
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.12		mg/Kg	5	9/15/2021 5:29:00 PM	62575
Toluene	0.27	0.24		mg/Kg	5	9/15/2021 5:29:00 PM	62575
Ethylbenzene	1.4	0.24		mg/Kg	5	9/15/2021 5:29:00 PM	62575
Xylenes, Total	2.3	0.49		mg/Kg	5	9/15/2021 5:29:00 PM	62575
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	5	9/15/2021 5:29:00 PM	62575

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 17

Date Reported: 9/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: BG-1 0'

 Project:
 Charolais 6 inch Pipeline
 Collection Date: 9/11/2021 10:00:00 AM

 Lab ID:
 2109653-005
 Matrix: SOIL
 Received Date: 9/14/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	59	mg/Kg	20	9/15/2021 9:33:36 PM	62598
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	46	9.8	mg/Kg	1	9/15/2021 2:06:01 PM	62578
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/15/2021 2:06:01 PM	62578
Surr: DNOP	114	70-130	%Rec	1	9/15/2021 2:06:01 PM	62578
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	9/15/2021 11:57:44 AM	62575
Surr: BFB	105	70-130	%Rec	1	9/15/2021 11:57:44 AM	62575
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	9/15/2021 11:57:44 AM	62575
Toluene	ND	0.050	mg/Kg	1	9/15/2021 11:57:44 AM	62575
Ethylbenzene	ND	0.050	mg/Kg	1	9/15/2021 11:57:44 AM	62575
Xylenes, Total	ND	0.10	mg/Kg	1	9/15/2021 11:57:44 AM	62575
Surr: 4-Bromofluorobenzene	88.4	70-130	%Rec	1	9/15/2021 11:57:44 AM	62575

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 5 of 17

Date Reported: 9/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: BG-2 0'

 Project:
 Charolais 6 inch Pipeline
 Collection Date: 9/11/2021 10:03:00 AM

 Lab ID:
 2109653-006
 Matrix: SOIL
 Received Date: 9/14/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	9/15/2021 10:10:49 PM	62598
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	SB
Diesel Range Organics (DRO)	54	9.7	mg/Kg	1	9/15/2021 2:15:55 PM	62578
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/15/2021 2:15:55 PM	62578
Surr: DNOP	100	70-130	%Rec	1	9/15/2021 2:15:55 PM	62578
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/15/2021 12:21:16 PM	62575
Surr: BFB	106	70-130	%Rec	1	9/15/2021 12:21:16 PM	62575
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	9/15/2021 12:21:16 PM	62575
Toluene	ND	0.049	mg/Kg	1	9/15/2021 12:21:16 PM	62575
Ethylbenzene	ND	0.049	mg/Kg	1	9/15/2021 12:21:16 PM	62575
Xylenes, Total	ND	0.099	mg/Kg	1	9/15/2021 12:21:16 PM	62575
Surr: 4-Bromofluorobenzene	91.9	70-130	%Rec	1	9/15/2021 12:21:16 PM	62575

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 6 of 17

Date Reported: 9/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: BG-3 0'

 Project:
 Charolais 6 inch Pipeline
 Collection Date: 9/11/2021 10:06:00 AM

 Lab ID:
 2109653-007
 Matrix: SOIL
 Received Date: 9/14/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	9/15/2021 10:23:13 PM	62598
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	8.6	mg/Kg	1	9/15/2021 2:25:49 PM	62578
Motor Oil Range Organics (MRO)	ND	43	mg/Kg	1	9/15/2021 2:25:49 PM	62578
Surr: DNOP	103	70-130	%Rec	1	9/15/2021 2:25:49 PM	62578
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	24	mg/Kg	5	9/15/2021 9:59:59 AM	62575
Surr: BFB	105	70-130	%Rec	5	9/15/2021 9:59:59 AM	62575
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	0.23	0.12	mg/Kg	5	9/15/2021 9:59:59 AM	62575
Toluene	0.36	0.24	mg/Kg	5	9/15/2021 9:59:59 AM	62575
Ethylbenzene	ND	0.24	mg/Kg	5	9/15/2021 9:59:59 AM	62575
Xylenes, Total	ND	0.48	mg/Kg	5	9/15/2021 9:59:59 AM	62575
Surr: 4-Bromofluorobenzene	89.7	70-130	%Rec	5	9/15/2021 9:59:59 AM	62575

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 7 of 17

Date Reported: 9/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: BG-4 0'

 Project:
 Charolais 6 inch Pipeline
 Collection Date: 9/11/2021 10:09:00 AM

 Lab ID:
 2109653-008
 Matrix: SOIL
 Received Date: 9/14/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	9/15/2021 10:35:37 PM	62598
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	9/15/2021 2:35:44 PM	62578
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/15/2021 2:35:44 PM	62578
Surr: DNOP	105	70-130	%Rec	1	9/15/2021 2:35:44 PM	62578
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/15/2021 12:44:48 PM	62575
Surr: BFB	107	70-130	%Rec	1	9/15/2021 12:44:48 PM	62575
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	0.048	0.024	mg/Kg	1	9/15/2021 12:44:48 PM	62575
Toluene	0.11	0.048	mg/Kg	1	9/15/2021 12:44:48 PM	62575
Ethylbenzene	0.050	0.048	mg/Kg	1	9/15/2021 12:44:48 PM	62575
Xylenes, Total	ND	0.096	mg/Kg	1	9/15/2021 12:44:48 PM	62575
Surr: 4-Bromofluorobenzene	91.8	70-130	%Rec	1	9/15/2021 12:44:48 PM	62575

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 8 of 17

Date Reported: 9/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-SW1 6'

 Project:
 Charolais 6 inch Pipeline
 Collection Date: 9/11/2021 10:30:00 AM

 Lab ID:
 2109653-009
 Matrix: SOIL
 Received Date: 9/14/2021 7:20:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 110 60 mg/Kg 20 9/15/2021 10:48:02 PM 62598 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) ND 9.8 mg/Kg 9/15/2021 2:45:37 PM 62578 Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 9/15/2021 2:45:37 PM 62578 Surr: DNOP 105 %Rec 70-130 9/15/2021 2:45:37 PM 62578 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB 9/15/2021 2:19:12 PM Gasoline Range Organics (GRO) ND 62575 4.7 mg/Kg Surr: BFB 107 %Rec 9/15/2021 2:19:12 PM 62575 70-130 Analyst: NSB **EPA METHOD 8021B: VOLATILES** 0.080 9/15/2021 2:19:12 PM 62575 Benzene 0.023 mg/Kg Toluene 0.078 0.047 mg/Kg 9/15/2021 2:19:12 PM 62575 Ethylbenzene ND 0.047 mg/Kg 1 9/15/2021 2:19:12 PM 62575 Xylenes, Total ND 0.093 mg/Kg 9/15/2021 2:19:12 PM 62575 Surr: 4-Bromofluorobenzene 70-130 9/15/2021 2:19:12 PM 62575 90.2 %Rec

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 9 of 17

Date Reported: 9/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-SW2 6'

 Project:
 Charolais 6 inch Pipeline
 Collection Date: 9/11/2021 10:33:00 AM

 Lab ID:
 2109653-010
 Matrix: SOIL
 Received Date: 9/14/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	71	60		mg/Kg	20	9/16/2021 7:57:38 AM	62598
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	: SB
Diesel Range Organics (DRO)	19000	1000		mg/Kg	100	9/16/2021 2:47:10 PM	62578
Motor Oil Range Organics (MRO)	7500	5000		mg/Kg	100	9/16/2021 2:47:10 PM	62578
Surr: DNOP	0	70-130	S	%Rec	100	9/16/2021 2:47:10 PM	62578
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	4800	240		mg/Kg	50	9/15/2021 10:23:35 AM	62575
Surr: BFB	408	70-130	S	%Rec	50	9/15/2021 10:23:35 AM	62575
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	26	1.2		mg/Kg	50	9/15/2021 10:23:35 AM	62575
Toluene	210	2.4		mg/Kg	50	9/15/2021 10:23:35 AM	62575
Ethylbenzene	190	2.4		mg/Kg	50	9/15/2021 10:23:35 AM	62575
Xylenes, Total	220	4.7		mg/Kg	50	9/15/2021 10:23:35 AM	62575
Surr: 4-Bromofluorobenzene	142	70-130	S	%Rec	50	9/15/2021 10:23:35 AM	62575

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 10 of 17

Date Reported: 9/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: N-SW1 6'

 Project:
 Charolais 6 inch Pipeline
 Collection Date: 9/11/2021 10:36:00 AM

 Lab ID:
 2109653-011
 Matrix: SOIL
 Received Date: 9/14/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	9/15/2021 11:12:50 PM	62598
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	35	9.9	mg/Kg	1	9/16/2021 1:36:01 PM	62578
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/16/2021 1:36:01 PM	62578
Surr: DNOP	88.7	70-130	%Rec	1	9/16/2021 1:36:01 PM	62578
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	24	mg/Kg	5	9/15/2021 2:42:54 PM	62575
Surr: BFB	108	70-130	%Rec	5	9/15/2021 2:42:54 PM	62575
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	0.20	0.12	mg/Kg	5	9/15/2021 2:42:54 PM	62575
Toluene	0.24	0.24	mg/Kg	5	9/15/2021 2:42:54 PM	62575
Ethylbenzene	ND	0.24	mg/Kg	5	9/15/2021 2:42:54 PM	62575
Xylenes, Total	ND	0.48	mg/Kg	5	9/15/2021 2:42:54 PM	62575
Surr: 4-Bromofluorobenzene	90.9	70-130	%Rec	5	9/15/2021 2:42:54 PM	62575

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 11 of 17

Date Reported: 9/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: N-SW2 6'

 Project:
 Charolais 6 inch Pipeline
 Collection Date: 9/11/2021 10:39:00 AM

 Lab ID:
 2109653-012
 Matrix: SOIL
 Received Date: 9/14/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF Date Analyzed Bat	tch
EPA METHOD 300.0: ANIONS					Analyst: VP	,
Chloride	2500	300		mg/Kg	100 9/15/2021 11:25:15 PM 625	598
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst: SB	š
Diesel Range Organics (DRO)	24000	940		mg/Kg	100 9/16/2021 3:00:22 PM 625	578
Motor Oil Range Organics (MRO)	8900	4700		mg/Kg	100 9/16/2021 3:00:22 PM 625	578
Surr: DNOP	0	70-130	S	%Rec	100 9/16/2021 3:00:22 PM 625	578
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSI	В
Gasoline Range Organics (GRO)	14000	240		mg/Kg	50 9/15/2021 10:47:15 AM 625	575
Surr: BFB	581	70-130	S	%Rec	50 9/15/2021 10:47:15 AM 625	575
EPA METHOD 8021B: VOLATILES					Analyst: NS I	В
Benzene	260	12		mg/Kg	500 9/15/2021 6:16:28 PM 625	575
Toluene	980	24		mg/Kg	500 9/15/2021 6:16:28 PM 625	575
Ethylbenzene	480	24		mg/Kg	500 9/15/2021 6:16:28 PM 625	575
Xylenes, Total	470	4.9		mg/Kg	50 9/15/2021 10:47:15 AM 625	575
Surr: 4-Bromofluorobenzene	178	70-130	S	%Rec	50 9/15/2021 10:47:15 AM 625	575

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 12 of 17

Hall Environmental Analysis Laboratory, Inc.

WO#: **2109653**

22-Sep-21

Client: Talon Artesia

Project: Charolais 6 inch Pipeline

Sample ID: MB-62598 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 62598 RunNo: 81279

Prep Date: 9/15/2021 Analysis Date: 9/15/2021 SeqNo: 2871600 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-62598 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 62598 RunNo: 81279

Prep Date: 9/15/2021 Analysis Date: 9/15/2021 SeqNo: 2871601 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 15 1.5 15.00 0 97.5 90 110

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 13 of 17

Hall Environmental Analysis Laboratory, Inc.

WO#: **2109653**

22-Sep-21

Client: Talon Artesia

Project: Charolais 6 inch Pipeline

Sample ID: LCS-62590 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 62590 RunNo: 81280

Prep Date: 9/15/2021 Analysis Date: 9/15/2021 SeqNo: 2870379 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: DNOP 5.6 5.000 112 70 130

Sample ID: MB-62590 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 62590 RunNo: 81280

Prep Date: 9/15/2021 Analysis Date: 9/15/2021 SeqNo: 2870380 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: DNOP 10 10.00 101 70 130

Sample ID: LCS-62578 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 62578 RunNo: 81280

Prep Date: 9/14/2021 Analysis Date: 9/15/2021 SeqNo: 2870568 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Analyte Qual Diesel Range Organics (DRO) 48 10 50.00 0 96.3 68.9 135

Surr: DNOP 5.7 5.000 114 70 130

Sample ID: MB-62578 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 62578 RunNo: 81280

Prep Date: 9/14/2021 Analysis Date: 9/15/2021 SeqNo: 2870570 Units: mq/Kq

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Diesel Range Organics (DRO) ND 10
Motor Oil Range Organics (MRO) ND 50

Surr: DNOP 10 10.00 103 70 130

Sample ID: 2109653-001AMS SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: S-1 6' Batch ID: 62578 RunNo: 81280

Prep Date: 9/14/2021 Analysis Date: 9/15/2021 SeqNo: 2871214 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Qual Diesel Range Organics (DRO) 60 9.0 44.92 24.70 78.5 39.3 155

Surr: DNOP 5.6 4.492 124 70 130

Sample ID: 2109653-001AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: S-1 6' Batch ID: 62578 RunNo: 81280

Prep Date: 9/14/2021 Analysis Date: 9/15/2021 SeqNo: 2871215 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Diesel Range Organics (DRO) 61 8.6 42.92 24.70 83.9 39.3 155 1.24 23.4

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 14 of 17

Hall Environmental Analysis Laboratory, Inc.

5.2

WO#: **2109653 22-Sep-21**

Client: Talon Artesia

Surr: DNOP

Project: Charolais 6 inch Pipeline

Sample ID: 2109653-001AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: S-1 6' Batch ID: 62578 RunNo: 81280

Prep Date: 9/14/2021 Analysis Date: 9/15/2021 SeqNo: 2871215 Units: mg/Kg

4.292

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

121

70

130

0

0

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 15 of 17

Hall Environmental Analysis Laboratory, Inc.

WO#: **2109653**

22-Sep-21

Client: Talon Artesia

Project: Charolais 6 inch Pipeline

Sample ID: mb-62575 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 62575 RunNo: 81305

Prep Date: 9/14/2021 Analysis Date: 9/15/2021 SegNo: 2871491 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 1000 1000 103 70 130

Sample ID: Ics-62575 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 62575 RunNo: 81305

Prep Date: 9/14/2021 Analysis Date: 9/15/2021 SeqNo: 2871492 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 5.0 25.00 O 122 78.6 131

Surr: BFB 1100 1000 114 70 130

Sample ID: 2109653-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: S-1 6' Batch ID: 62575 RunNo: 81305

Prep Date: 9/14/2021 Analysis Date: 9/15/2021 SeqNo: 2871494 Units: mg/Kg

Result SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte PQL LowLimit Qual Gasoline Range Organics (GRO) 32 5.0 24.88 0 127 61.3 114 S Surr: BFB 70 995.0 1200 122 130

Sample ID: 2109653-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: S-1 6' Batch ID: 62575 RunNo: 81305

Prep Date: 9/14/2021 Analysis Date: 9/15/2021 SeqNo: 2871495 Units: mg/Kg

SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Result PQL LowLimit Qual Gasoline Range Organics (GRO) 33 4.9 24.30 134 61.3 3.65 S 114 20 Surr: BFB 1200 971.8 123 70 130 0 0

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 16 of 17

Hall Environmental Analysis Laboratory, Inc.

WO#: **2109653 22-**Sep-21

Client: Talon Artesia

Project: Charolais 6 inch Pipeline

Sample ID: mb-62575 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 62575 RunNo: 81305

Prep Date: 9/14/2021 Analysis Date: 9/15/2021 SeqNo: 2871528 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Benzene
 ND
 0.025

 Toluene
 ND
 0.050

 Ethylbenzene
 ND
 0.050

 Xylenes, Total
 ND
 0.10

 Surr: 4-Bromofluorobenzene
 0.89
 1.000
 89.1
 70
 130

Sample ID: LCS-62575 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 62575 RunNo: 81305

4.4

4.9

5.0

0.49

2.941

4.902

4.888

Prep Date: 9/14/2021	Analysis [Date: 9/	15/2021	SeqNo: 2871529			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	96.9	80	120			
Toluene	0.98	0.050	1.000	0	98.5	80	120			
Ethylbenzene	0.97	0.050	1.000	0	97.2	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.0	80	120			
Surr: 4-Bromofluorobenzene	0.91		1.000		90.8	70	130			

Sample ID: 2109653-002ams	SampT	ype: MS	5	TestCode: EPA Method 8021B: Volatiles						
Client ID: S-2 6'	Batch	ID: 62	575	F	RunNo: 8	1305				
Prep Date: 9/14/2021	Analysis D	ate: 9/	15/2021	S	SeqNo: 28	871533	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.12	0.9804	0.07335	99.1	80	120			
Toluene	1.3	0.25	0.9804	0.2963	102	80	120			
Ethylbenzene	1.9	0.25	0.9804	0.9214	96.7	80	120			

1.476

Sample ID: 2109653-002amsd	SampT	ype: MS	SD.	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: S-2 6'	Batch	1D: 62	575	F	RunNo: 8	1305				
Prep Date: 9/14/2021	Analysis D	ate: 9/	15/2021	S	SeqNo: 2	871534	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.12	0.9775	0.07335	97.8	80	120	1.47	20	
Toluene	1.3	0.24	0.9775	0.2963	101	80	120	1.13	20	
Ethylbenzene	1.9	0.24	0.9775	0.9214	97.5	80	120	0.281	20	
Xylenes, Total	4.4	0.49	2.933	1.476	98.9	80	120	0.188	20	

Qualifiers:

Xylenes, Total

Surr: 4-Bromofluorobenzene

* Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Surr: 4-Bromofluorobenzene

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

102

98.3

99.6

80

70

70

120

130

130

0

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 17 of 17

0

ANALYSIS

LABORATORY

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name:	Talon Artesia	Work Order Num	ber: 2109653		RcptNo: 1	
Received By:	Cheyenne Cason	9/14/2021 7:20:00	AM	Chul		
Completed By:	Sean Livingston	9/14/2021 8:12:00	AM	Chul SL.		
Reviewed By:	5PA 9.4,21			JU.	A Standard	
Chain of Cust	<u>ody</u>					
1. Is Chain of Cus	stody complete?		Yes 🗸	No 🗌	Not Present	
2. How was the s	ample delivered?		Courier			
Log In	t made to cool the	•		🖂		
o. was an attemp	ot made to cool the samples	?	Yes 🗸	No 📙	NA 🗌	
4. Were all sample	es received at a temperatur	e of >0° C to 6.0°C	Yes 🗸	No 🗌	NA 🗌	
5. Sample(s) in pr	roper container(s)?		Yes 🗸	No 🗌		
6. Sufficient samp	le volume for indicated test	(s)?	Yes 🗸	No 🗌		
7. Are samples (ex	xcept VOA and ONG) prope	erly preserved?	Yes 🗸	No 🗌		
8. Was preservativ	ve added to bottles?		Yes	No 🗸	NA 🗌	
9. Received at least	st 1 vial with headspace <1.	'4" for AQ VOA?	Yes	No 🗌	NA 🗸	
10. Were any samp	ole containers received brok	en?	Yes	No 🗸	# of preserved	
	k match bottle labels?		Yes 🗸	No 🗌	bottles checked for pH:	0 1 1 1 1
	rrectly identified on Chain o	f Custody?	Yes 🗸	No 🗆	Adjusted?	2 unless noted)
	analyses were requested?	r oustody!	Yes 🗸	No 🗆		
14. Were all holding	times able to be met?		Yes 🗸	No 🗆	Checked by:	n 9/14/21
	ng (if applicable)			-		
	fied of all discrepancies with	this order?	Yes	No 🗌	NA 🗹	
Person N	otified:	Date:	T.			
By Whom	n:	Via:		Phone Fax	In Person	
Regarding	g:				THE RESIDENCE OF THE PARTY OF THE PARTY.	
Client Ins	tructions:		THE PARTY NAMED IN COLUMN TWO IS NOT THE OWNER.		THE RESIDENCE OF STREET, THE CONTRACT OF STREET, STREE	
16. Additional rema	arks:					
17. Cooler Inform Cooler No		Seal Intact Seal No	Seal Date	Signed By		

	- b	KAIOKY	www.nallenVironmental.com 4901 Hawkins NF - Albirilleralis NM 87100		Analysis Request		2:30	:14	PM																			Pa		If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
			4901 Ha	Tel 505								В	н ш х	-	-											ırks:				ty. Any sub-c
				_				O	Ι- Γ	ا ا) <u>c</u>	_	ОШО	×												Remarks		_		s possibili
	Rush 48 Hour		Charolais 6" pipeline (Char)			R. Pons				ºN □		8+0.1=0.9	2 1096 S3 HEAL NO.		700	503	raco	KS	ಶಿರ್ಣ	189	, jon	500	<i>S</i>	110	9.0	Date Time	9/13/21 1130	Date Time	Mula 0720	es. This serves as notice of this
J Time:	- 1	1	Charolais			ager:)		J. Carnes	Ø Yes		(including CF): (G.	Preservative Type	Ice/Cool	•										-	Via:	, }	Via:	, mo	ccredited laboratorie
Turn-Around Ti	☐ Standard			Project #:		Project Manager:			Sampler:	On Ice:	# of Coolers:	Cooler Temp	Container Type and #	Glass Jar											۰	Received by:	alu	Received by:	m C	ontracted to other a
Chain-of-Custody Record			408 W. Texas Ave		.8768			☐ Level 4 (Full Validation)	☐ Az Compliance				Sample Name	S-1 6'	S-2 6'	S-3 6'	S-4 6'	BG-1 0'	BG-2 0'	BG-3 0'	BG-4 0'	S-SW1 6'	S-SW2 6'	N-SW1 6'	N-SW2 6'	ed by:	was	ed by:	LUS	nitted to Hall Environmental may be subo
of-C	PE			88210	575.746.8768				□ Az Co	□ Other			Matrix	Soil	/										J	Relinquished by:	1	Refinquished by:	3	samples subr
hain	Talon LPE		Mailing Address:		41.	· Fax#:	QA/QC Package:	dard	ation:	4C	(Type)		Time	9:35	9:38	9:41	9:44	10:00	10:03	10:06	10:09	10:30	10:33	10:36	10:39	Time:	2	w/	1900	necessary,
O	Client:		Mailing	Artesia, NM	Phone #:	email or Fax#:	QA/QC F	□ Standard	Accreditation:	□ NELAC			Date	9/11/2021	***			_							-	Date;	K	ate:	200	<u>u</u>



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

September 24, 2021

Rebecca Pons
Talon Artesia
408 West Texas Ave
Artesia, NM 88210
TEL:
FAX

RE: Charolais 6 Pipeline OrderNo.: 2109996

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 14 sample(s) on 9/18/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 9/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S.SW-1 7'

 Project:
 Charolais 6 Pipeline
 Collection Date: 9/17/2021 11:30:00 AM

 Lab ID:
 2109996-001
 Matrix: SOIL
 Received Date: 9/18/2021 9:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	59	mg/Kg	20	9/21/2021 2:58:10 PM	62706
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	9/21/2021 1:21:17 PM	62690
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/21/2021 1:21:17 PM	62690
Surr: DNOP	80.6	70-130	%Rec	1	9/21/2021 1:21:17 PM	62690
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/21/2021 12:16:00 PM	62677
Surr: BFB	93.2	70-130	%Rec	1	9/21/2021 12:16:00 PM	62677
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	9/21/2021 12:16:00 PM	62677
Toluene	ND	0.049	mg/Kg	1	9/21/2021 12:16:00 PM	62677
Ethylbenzene	ND	0.049	mg/Kg	1	9/21/2021 12:16:00 PM	62677
Xylenes, Total	ND	0.098	mg/Kg	1	9/21/2021 12:16:00 PM	62677
Surr: 4-Bromofluorobenzene	79.5	70-130	%Rec	1	9/21/2021 12:16:00 PM	62677

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 19

Date Reported: 9/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S.SW-2 7'

 Project:
 Charolais 6 Pipeline
 Collection Date: 9/17/2021 11:33:00 AM

 Lab ID:
 2109996-002
 Matrix: SOIL
 Received Date: 9/18/2021 9:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	9/21/2021 3:35:25 PM	62706
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	9/21/2021 1:33:35 PM	62690
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/21/2021 1:33:35 PM	62690
Surr: DNOP	91.5	70-130	%Rec	1	9/21/2021 1:33:35 PM	62690
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/21/2021 12:36:00 PM	62677
Surr: BFB	89.8	70-130	%Rec	1	9/21/2021 12:36:00 PM	62677
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	9/21/2021 12:36:00 PM	62677
Toluene	ND	0.049	mg/Kg	1	9/21/2021 12:36:00 PM	62677
Ethylbenzene	ND	0.049	mg/Kg	1	9/21/2021 12:36:00 PM	62677
Xylenes, Total	ND	0.098	mg/Kg	1	9/21/2021 12:36:00 PM	62677
Surr: 4-Bromofluorobenzene	79.3	70-130	%Rec	1	9/21/2021 12:36:00 PM	62677

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 19

Date Reported: 9/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S.SW-3 7'

 Project:
 Charolais 6 Pipeline
 Collection Date: 9/17/2021 11:36:00 AM

 Lab ID:
 2109996-003
 Matrix: SOIL
 Received Date: 9/18/2021 9:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	9/21/2021 3:47:50 PM	62706
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	9/21/2021 1:46:03 PM	62690
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/21/2021 1:46:03 PM	62690
Surr: DNOP	93.9	70-130	%Rec	1	9/21/2021 1:46:03 PM	62690
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/21/2021 12:55:00 PM	62677
Surr: BFB	91.4	70-130	%Rec	1	9/21/2021 12:55:00 PM	62677
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	9/21/2021 12:55:00 PM	62677
Toluene	ND	0.049	mg/Kg	1	9/21/2021 12:55:00 PM	62677
Ethylbenzene	ND	0.049	mg/Kg	1	9/21/2021 12:55:00 PM	62677
Xylenes, Total	ND	0.099	mg/Kg	1	9/21/2021 12:55:00 PM	62677
Surr: 4-Bromofluorobenzene	79.6	70-130	%Rec	1	9/21/2021 12:55:00 PM	62677

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 19

Date Reported: 9/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S.SW-4 7'

 Project:
 Charolais 6 Pipeline
 Collection Date: 9/17/2021 11:39:00 AM

 Lab ID:
 2109996-004
 Matrix: SOIL
 Received Date: 9/18/2021 9:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	9/21/2021 4:00:15 PM	62706
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	46	9.8	mg/Kg	1	9/21/2021 1:58:46 PM	62690
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/21/2021 1:58:46 PM	62690
Surr: DNOP	90.7	70-130	%Rec	1	9/21/2021 1:58:46 PM	62690
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	9/21/2021 1:15:00 PM	62677
Surr: BFB	97.3	70-130	%Rec	1	9/21/2021 1:15:00 PM	62677
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	9/21/2021 1:15:00 PM	62677
Toluene	ND	0.050	mg/Kg	1	9/21/2021 1:15:00 PM	62677
Ethylbenzene	ND	0.050	mg/Kg	1	9/21/2021 1:15:00 PM	62677
Xylenes, Total	ND	0.099	mg/Kg	1	9/21/2021 1:15:00 PM	62677
Surr: 4-Bromofluorobenzene	80.6	70-130	%Rec	1	9/21/2021 1:15:00 PM	62677

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 19

Date Reported: 9/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S.SW-5 4'

 Project:
 Charolais 6 Pipeline
 Collection Date: 9/17/2021 11:42:00 AM

 Lab ID:
 2109996-005
 Matrix: SOIL
 Received Date: 9/18/2021 9:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	9/21/2021 4:12:40 PM	62706
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	160	9.5	mg/Kg	1	9/21/2021 2:11:17 PM	62690
Motor Oil Range Organics (MRO)	98	48	mg/Kg	1	9/21/2021 2:11:17 PM	62690
Surr: DNOP	90.0	70-130	%Rec	1	9/21/2021 2:11:17 PM	62690
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/21/2021 1:35:00 PM	62677
Surr: BFB	96.0	70-130	%Rec	1	9/21/2021 1:35:00 PM	62677
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	9/21/2021 1:35:00 PM	62677
Toluene	ND	0.049	mg/Kg	1	9/21/2021 1:35:00 PM	62677
Ethylbenzene	ND	0.049	mg/Kg	1	9/21/2021 1:35:00 PM	62677
Xylenes, Total	ND	0.099	mg/Kg	1	9/21/2021 1:35:00 PM	62677
Surr: 4-Bromofluorobenzene	79.7	70-130	%Rec	1	9/21/2021 1:35:00 PM	62677

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 5 of 19

Date Reported: 9/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S.SW-6 4'

 Project:
 Charolais 6 Pipeline
 Collection Date: 9/17/2021 11:45:00 AM

 Lab ID:
 2109996-006
 Matrix: SOIL
 Received Date: 9/18/2021 9:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	9/21/2021 4:25:04 PM	62706
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	18	9.7	mg/Kg	1	9/21/2021 2:36:45 PM	62690
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/21/2021 2:36:45 PM	62690
Surr: DNOP	87.7	70-130	%Rec	1	9/21/2021 2:36:45 PM	62690
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/21/2021 2:33:00 PM	62677
Surr: BFB	92.0	70-130	%Rec	1	9/21/2021 2:33:00 PM	62677
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	9/21/2021 2:33:00 PM	62677
Toluene	ND	0.049	mg/Kg	1	9/21/2021 2:33:00 PM	62677
Ethylbenzene	ND	0.049	mg/Kg	1	9/21/2021 2:33:00 PM	62677
Xylenes, Total	ND	0.099	mg/Kg	1	9/21/2021 2:33:00 PM	62677
Surr: 4-Bromofluorobenzene	78.3	70-130	%Rec	1	9/21/2021 2:33:00 PM	62677

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 6 of 19

Date Reported: 9/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: N.SW-1 7'

 Project:
 Charolais 6 Pipeline
 Collection Date: 9/17/2021 11:50:00 AM

 Lab ID:
 2109996-007
 Matrix: SOIL
 Received Date: 9/18/2021 9:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	9/21/2021 4:37:28 PM	62706
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	270	9.8	mg/Kg	1	9/21/2021 2:49:25 PM	62690
Motor Oil Range Organics (MRO)	140	49	mg/Kg	1	9/21/2021 2:49:25 PM	62690
Surr: DNOP	79.3	70-130	%Rec	1	9/21/2021 2:49:25 PM	62690
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	5.3	4.9	mg/Kg	1	9/21/2021 2:53:00 PM	62677
Surr: BFB	121	70-130	%Rec	1	9/21/2021 2:53:00 PM	62677
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	9/21/2021 2:53:00 PM	62677
Toluene	ND	0.049	mg/Kg	1	9/21/2021 2:53:00 PM	62677
Ethylbenzene	ND	0.049	mg/Kg	1	9/21/2021 2:53:00 PM	62677
Xylenes, Total	ND	0.099	mg/Kg	1	9/21/2021 2:53:00 PM	62677
Surr: 4-Bromofluorobenzene	81.1	70-130	%Rec	1	9/21/2021 2:53:00 PM	62677

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 7 of 19

Date Reported: 9/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: N.SW-2 7'

 Project:
 Charolais 6 Pipeline
 Collection Date: 9/17/2021 11:53:00 AM

 Lab ID:
 2109996-008
 Matrix: SOIL
 Received Date: 9/18/2021 9:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	9/21/2021 4:49:53 PM	62706
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	9/21/2021 3:14:54 PM	62690
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	9/21/2021 3:14:54 PM	62690
Surr: DNOP	109	70-130	%Rec	1	9/21/2021 3:14:54 PM	62690
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/21/2021 3:13:00 PM	62677
Surr: BFB	89.6	70-130	%Rec	1	9/21/2021 3:13:00 PM	62677
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	9/21/2021 3:13:00 PM	62677
Toluene	ND	0.049	mg/Kg	1	9/21/2021 3:13:00 PM	62677
Ethylbenzene	ND	0.049	mg/Kg	1	9/21/2021 3:13:00 PM	62677
Xylenes, Total	ND	0.099	mg/Kg	1	9/21/2021 3:13:00 PM	62677
Surr: 4-Bromofluorobenzene	77.3	70-130	%Rec	1	9/21/2021 3:13:00 PM	62677

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 8 of 19

Date Reported: 9/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: N.SW-3 7'

 Project:
 Charolais 6 Pipeline
 Collection Date: 9/17/2021 11:56:00 AM

 Lab ID:
 2109996-009
 Matrix: SOIL
 Received Date: 9/18/2021 9:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	9/21/2021 5:02:17 PM	62706
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	9/21/2021 3:27:43 PM	62690
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/21/2021 3:27:43 PM	62690
Surr: DNOP	105	70-130	%Rec	1	9/21/2021 3:27:43 PM	62690
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/21/2021 3:32:00 PM	62677
Surr: BFB	90.5	70-130	%Rec	1	9/21/2021 3:32:00 PM	62677
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	9/21/2021 3:32:00 PM	62677
Toluene	ND	0.049	mg/Kg	1	9/21/2021 3:32:00 PM	62677
Ethylbenzene	ND	0.049	mg/Kg	1	9/21/2021 3:32:00 PM	62677
Xylenes, Total	ND	0.098	mg/Kg	1	9/21/2021 3:32:00 PM	62677
Surr: 4-Bromofluorobenzene	78.8	70-130	%Rec	1	9/21/2021 3:32:00 PM	62677

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 9 of 19

Date Reported: 9/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: N.SW-4 7'

 Project:
 Charolais 6 Pipeline
 Collection Date: 9/17/2021 11:59:00 AM

 Lab ID:
 2109996-010
 Matrix: SOIL
 Received Date: 9/18/2021 9:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	59	mg/Kg	20	9/21/2021 5:14:41 PM	62706
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	9/21/2021 3:40:20 PM	62690
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/21/2021 3:40:20 PM	62690
Surr: DNOP	96.2	70-130	%Rec	1	9/21/2021 3:40:20 PM	62690
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/21/2021 3:52:00 PM	62677
Surr: BFB	94.8	70-130	%Rec	1	9/21/2021 3:52:00 PM	62677
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	9/21/2021 3:52:00 PM	62677
Toluene	ND	0.049	mg/Kg	1	9/21/2021 3:52:00 PM	62677
Ethylbenzene	ND	0.049	mg/Kg	1	9/21/2021 3:52:00 PM	62677
Xylenes, Total	ND	0.098	mg/Kg	1	9/21/2021 3:52:00 PM	62677
Surr: 4-Bromofluorobenzene	79.5	70-130	%Rec	1	9/21/2021 3:52:00 PM	62677

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 10 of 19

Date Reported: 9/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: N.SW-5 4'

 Project:
 Charolais 6 Pipeline
 Collection Date: 9/17/2021 12:02:00 PM

 Lab ID:
 2109996-011
 Matrix: SOIL
 Received Date: 9/18/2021 9:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: VP
Chloride	ND	60	mg/Kg	20	9/21/2021 5:27:06 PM	62706
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	:: SB
Diesel Range Organics (DRO)	14	9.6	mg/Kg	1	9/21/2021 3:53:06 PM	62690
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/21/2021 3:53:06 PM	62690
Surr: DNOP	94.2	70-130	%Rec	1	9/21/2021 3:53:06 PM	62690
EPA METHOD 8015D: GASOLINE RANGE					Analyst	:: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/21/2021 4:12:00 PM	62677
Surr: BFB	91.7	70-130	%Rec	1	9/21/2021 4:12:00 PM	62677
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	9/21/2021 4:12:00 PM	62677
Toluene	ND	0.049	mg/Kg	1	9/21/2021 4:12:00 PM	62677
Ethylbenzene	ND	0.049	mg/Kg	1	9/21/2021 4:12:00 PM	62677
Xylenes, Total	ND	0.098	mg/Kg	1	9/21/2021 4:12:00 PM	62677
Surr: 4-Bromofluorobenzene	77.5	70-130	%Rec	1	9/21/2021 4:12:00 PM	62677

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 11 of 19

Date Reported: 9/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: N.SW-6 4'

 Project:
 Charolais 6 Pipeline
 Collection Date: 9/17/2021 12:05:00 PM

 Lab ID:
 2109996-012
 Matrix: SOIL
 Received Date: 9/18/2021 9:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	9/21/2021 6:04:19 PM	62706
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	17	9.7	mg/Kg	1	9/21/2021 4:05:40 PM	62690
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/21/2021 4:05:40 PM	62690
Surr: DNOP	98.2	70-130	%Rec	1	9/21/2021 4:05:40 PM	62690
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/21/2021 4:31:00 PM	62677
Surr: BFB	96.4	70-130	%Rec	1	9/21/2021 4:31:00 PM	62677
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	9/21/2021 4:31:00 PM	62677
Toluene	ND	0.049	mg/Kg	1	9/21/2021 4:31:00 PM	62677
Ethylbenzene	ND	0.049	mg/Kg	1	9/21/2021 4:31:00 PM	62677
Xylenes, Total	ND	0.097	mg/Kg	1	9/21/2021 4:31:00 PM	62677
Surr: 4-Bromofluorobenzene	81.8	70-130	%Rec	1	9/21/2021 4:31:00 PM	62677

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 12 of 19

Date Reported: 9/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: W.SW 7'

 Project:
 Charolais 6 Pipeline
 Collection Date: 9/17/2021 12:10:00 PM

 Lab ID:
 2109996-013
 Matrix: SOIL
 Received Date: 9/18/2021 9:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	9/21/2021 6:16:43 PM	62706
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	36	9.8	mg/Kg	1	9/21/2021 4:18:26 PM	62690
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/21/2021 4:18:26 PM	62690
Surr: DNOP	80.6	70-130	%Rec	1	9/21/2021 4:18:26 PM	62690
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/21/2021 4:51:00 PM	62677
Surr: BFB	96.1	70-130	%Rec	1	9/21/2021 4:51:00 PM	62677
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	9/21/2021 4:51:00 PM	62677
Toluene	ND	0.049	mg/Kg	1	9/21/2021 4:51:00 PM	62677
Ethylbenzene	ND	0.049	mg/Kg	1	9/21/2021 4:51:00 PM	62677
Xylenes, Total	ND	0.098	mg/Kg	1	9/21/2021 4:51:00 PM	62677
Surr: 4-Bromofluorobenzene	79.3	70-130	%Rec	1	9/21/2021 4:51:00 PM	62677

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 13 of 19

Date Reported: 9/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: E.SW 4'

 Project:
 Charolais 6 Pipeline
 Collection Date: 9/17/2021 12:15:00 PM

 Lab ID:
 2109996-014
 Matrix: SOIL
 Received Date: 9/18/2021 9:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	61	mg/Kg	20	9/21/2021 6:29:08 PM	62706
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	23	9.3	mg/Kg	1	9/21/2021 1:01:58 PM	62694
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	9/21/2021 1:01:58 PM	62694
Surr: DNOP	119	70-130	%Rec	1	9/21/2021 1:01:58 PM	62694
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/21/2021 5:11:00 PM	62677
Surr: BFB	94.7	70-130	%Rec	1	9/21/2021 5:11:00 PM	62677
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	9/21/2021 5:11:00 PM	62677
Toluene	ND	0.049	mg/Kg	1	9/21/2021 5:11:00 PM	62677
Ethylbenzene	ND	0.049	mg/Kg	1	9/21/2021 5:11:00 PM	62677
Xylenes, Total	ND	0.099	mg/Kg	1	9/21/2021 5:11:00 PM	62677
Surr: 4-Bromofluorobenzene	76.9	70-130	%Rec	1	9/21/2021 5:11:00 PM	62677

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 14 of 19

Hall Environmental Analysis Laboratory, Inc.

WO#: **2109996**

24-Sep-21

Client: Talon Artesia

Project: Charolais 6 Pipeline

Sample ID: MB-62706 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 62706 RunNo: 81415

Prep Date: 9/21/2021 Analysis Date: 9/21/2021 SeqNo: 2877535 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-62706 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 62706 RunNo: 81415

Prep Date: 9/21/2021 Analysis Date: 9/21/2021 SeqNo: 2877536 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 15 1.5 15.00 0 97.6 90 110

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 15 of 19

Hall Environmental Analysis Laboratory, Inc.

WO#: **2109996 24-Sep-21**

Client: Talon Artesia

Project: Charolais 6 Pipeline

Sample ID: 2109996-014AMS SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: E.SW 4' Batch ID: 62694 RunNo: 81459 Prep Date: 9/20/2021 Analysis Date: 9/21/2021 SeqNo: 2878297 Units: mq/Kq SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result PQL LowLimit Qual Diesel Range Organics (DRO) 72 9.6 48.17 23.48 100 39.3 155 Surr: DNOP 5.2 4.817 107 130

Sample ID: 2109996-014AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: E.SW 4' Batch ID: 62694 RunNo: 81459 Prep Date: 9/20/2021 Analysis Date: 9/21/2021 SeqNo: 2878298 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 82 9.5 47.26 23.48 123 39.3 155 13.2 23.4 Surr: DNOP 5.7 4.726 120 70 130 0 0

Sample ID: LCS-62694 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 62694 RunNo: 81459 Prep Date: 9/20/2021 Analysis Date: 9/21/2021 SeqNo: 2878299 Units: mg/Kg Result SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte POI LowLimit Qual Diesel Range Organics (DRO) 50 10 50.00 0 99.9 68.9 135 Surr: DNOP 5.2 5.000 105 70 130

Sample ID: MB-62694 TestCode: EPA Method 8015M/D: Diesel Range Organics SampType: MBLK Client ID: PBS Batch ID: 62694 RunNo: 81459 Prep Date: 9/20/2021 Analysis Date: 9/21/2021 SeqNo: 2878300 Units: mg/Kg SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Result PQL LowLimit Qual Diesel Range Organics (DRO) ND 10 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 10 10.00 101 70 130

Sample ID: MB-62690 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 62690 RunNo: 81461 Prep Date: 9/20/2021 Analysis Date: 9/21/2021 SeqNo: 2878558 Units: mg/Kg SPK value SPK Ref Val %REC Result PQL LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) ND 10 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 10 10.00 100 70 130

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 16 of 19

Hall Environmental Analysis Laboratory, Inc.

WO#: **2109996**

24-Sep-21

Client: Talon Artesia
Project: Charolais 6 Pipeline

Sample ID: LCS-62690 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 62690 RunNo: 81461

Prep Date: 9/20/2021 Analysis Date: 9/21/2021 SeqNo: 2878559 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Diesel Range Organics (DRO)
 52
 10
 50.00
 0
 103
 68.9
 135

 Surr: DNOP
 5.1
 5.000
 103
 70
 130

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 17 of 19

Hall Environmental Analysis Laboratory, Inc.

WO#: **2109996**

24-Sep-21

Client: Talon Artesia

Project: Charolais 6 Pipeline

Sample ID: mb-62677 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 62677 RunNo: 81447

Prep Date: 9/20/2021 Analysis Date: 9/21/2021 SeqNo: 2877395 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 890 1000 88.8 70 130

Sample ID: Ics-62677 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 62677 RunNo: 81447

1100

Prep Date: 9/20/2021 Analysis Date: 9/21/2021 SeqNo: 2877397 Units: mg/Kg

1000

Qual Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Gasoline Range Organics (GRO) 31 5.0 25.00 0 123 78.6 131

70

130

111

Qualifiers:

Surr: BFB

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 18 of 19

Hall Environmental Analysis Laboratory, Inc.

WO#: **2109996**

24-Sep-21

Client: Talon Artesia

Project: Charolais 6 Pipeline

Sample ID: mb-62677 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 62677 RunNo: 81447 Prep Date: 9/20/2021 Analysis Date: 9/21/2021 SeqNo: 2877443 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Result Benzene ND 0.025 Toluene ND 0.050 Ethylbenzene ND 0.050 Xylenes, Total ND 0.10 0.79 1.000 78.5 70 130 Surr: 4-Bromofluorobenzene

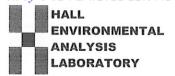
Sample ID: Ics-62677	Samp	ype: LC	s	TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batc	h ID: 62 0	677	F	RunNo: 8	1447				
Prep Date: 9/20/2021	Analysis [Date: 9/	21/2021	SeqNo: 2877445			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	92.4	80	120			
Toluene	0.92	0.050	1.000	0	91.7	80	120			
Ethylbenzene	0.94	0.050	1.000	0	93.5	80	120			
Xylenes, Total	2.8	0.10	3.000	0	93.9	80	120			
Surr: 4-Bromofluorobenzene	0.82		1.000		82.5	70	130			

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 19 of 19



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Talon Artesia Work Order Number: 2109996 RcptNo: 1 Received By: Sean Livingston 9/18/2021 9:00:00 AM Completed By: Sean Livingston 9/18/2021 9:47:41 AM Reviewed By: Fee 9/18/21 Chain of Custody No 🗌 Not Present 1. Is Chain of Custody complete? Yes 🗸 2. How was the sample delivered? Courier Log In 3. Was an attempt made to cool the samples? Yes 🗸 NA 🗍 No 4. Were all samples received at a temperature of >0° C to 6.0°C NA 🗌 Yes 🗸 5. Sample(s) in proper container(s)? Yes 🗸 No No 🗌 Yes 🗸 6. Sufficient sample volume for indicated test(s)? Yes 🗸 No 🗌 7. Are samples (except VOA and ONG) properly preserved? No 🗸 Yes NA 🗌 8. Was preservative added to bottles? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? NA V No 🗌 Yes 🗌 Yes 🗀 10. Were any sample containers received broken? No 🗸 # of preserved bottles checked 11. Does paperwork match bottle labels? No 🗌 for pH: Yes 🗸 (<2 or >12 unless noted) (Note discrepancies on chain of custody) Adjusted? No 12. Are matrices correctly identified on Chain of Custody? Yes 🗸 13. Is it clear what analyses were requested? Yes 🗸 No 🗌 14. Were all holding times able to be met? Yes 🗸 No Checked by: (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No 🗌 NA V Person Notified: Date: By Whom: Via: eMail Phone Fax Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By 5.2 Good

<u>, </u>	4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107	Analysis Request	PO ₄ , SO ₄	3082 (1.4) 827(8 827(827(3/S9/S des/S do or als O ₃ ,	aetici etho y 83° Met fr, N (AO)	8081 Pe 8081 Pe PAHs by RCRA 8 RCRA 8 RCRA 8 RCRA 8	X												Remarks: 0, 1 at)	ž.	e /4		If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
. E	Charolais 6 pipe (in a (Char)	702958.003.01	Project Manager: R., Pons	r. J. Garnes	On Ice: TYes INO	Cooler Temp(including cF): 5.2±3=5.2 (°C)	Container Preservative Type and # Type	1ce/Cool	200	500	500	Sao	200	683	00%	100	010	1)0	210	Jate Time	4/13/13/1500	Received by: Via: Date Time	ح المامات الما	contracted to other accredited laboratories. This serves as notice of this
Chain-of-Custody Record Client: Talon LPE Wailing Address:	2/:7 40	Phone #:	Eggential or Fax#: [QA/QC Package: Standard Level 4 (Full Validation)	:uc	☐ NELAC ☐ Other☐☐ FDD (Tvne)		Date Time Matrix Sample Name	4-17-11 11:30 Soil 5.6W-1 71	11:33 1 5,540-2 7	11:36 5.54-3 7	11:39 5,56-47	11:43 5.50-5 4'	11:43 5.5 W-B 4'	(1:50 N.SW-1 7'	11:53 N. Sur-2 7	11:56 N. 54-37'	11:59 1.50-47	12:03 \ N. SW - \$ 4'	3	Date: Time: Relinquished by:	31 1500	Date: I'me: Remoquished by:	MIN	If necessary, samples submitted to Hall Environmental may be sub

Received by OCD	: 1/4/202	22 12.	30:14 PM				Т		\neg	Т	П		Page	75 of 2 10
HALL ENVIRONMENTAL ANALYSIS LABORATORY	A P	rer. 505-545-5975 Fax 505-545-4107 Analysis Request	[†] OS ' [†] Od	or 8270 s, NO ₂ ,	310 etal: NO:	EDB (Meth SCRA 8 M SCRO (VOA BSCO (VOA Total Colifc)×	\(\times_{\ti					e 2 of 2	-contracted data will be clearly notated on the analytical report.
	01 H	00.10	PCB's	2808\z	əbiə	itsa9 1808							On s	Any sut
	49	_				J&108:H9T	X	×	\perp				Remarks:	sibility.
			(1S08) s	'AMT \	2.82	M \X3T8	×	7	_				Rei	sin
Turn-Around Time: ☐ Standard	Project #:	702958,003,01	Project Manager: R, Pons	Sampler: J. C. L. L. L. Sampler: J. C. L. L. Sampler: J. C. L. L. Sampler: J. C. L.		Cooler Temp(including CF): ティナのころこと (*C) Container Preservative HEAL No. Type and # Type	ا ما						Received by: Via: Date Time A A A B B	COUNTY 4/16/21 C
Chain-of-Custody Record Client: Tulon LPE	ing: 1/2:	5/202	Semail or Fax#: © A/QC Package: □ Standard □ Level 4 (Full Validation)	: Az Con	□ EDD (Type)	Date Time Matrix Sample Name	9-17-21 12:10 So:1 W. SW 7	1 12:15 1 E.5W 4'					Date: Time: Relinquished by: Relinquished by: Relinquished by:	3



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

October 12, 2021

Rebecca Pons
Talon Artesia
408 West Texas Ave
Artesia, NM 88210
TEL:
FAX

RE: Charolais 6 inch Line OrderNo.: 2110476

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 2 sample(s) on 10/8/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 10/12/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: NSWA-L4 5'

 Project:
 Charolais 6 inch Line
 Collection Date: 10/1/2021 11:12:00 AM

 Lab ID:
 2110476-001
 Matrix: SOIL
 Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	160	60	mg/Kg	20	10/9/2021 2:48:43 PM	63176
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: TOM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/11/2021 1:51:13 PM	63164
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/11/2021 1:51:13 PM	63164
Surr: DNOP	87.1	70-130	%Rec	1	10/11/2021 1:51:13 PM	63164
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/11/2021 9:48:00 PM	63161
Surr: BFB	89.7	70-130	%Rec	1	10/11/2021 9:48:00 PM	63161
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/11/2021 9:48:00 PM	63161
Toluene	ND	0.048	mg/Kg	1	10/11/2021 9:48:00 PM	63161
Ethylbenzene	ND	0.048	mg/Kg	1	10/11/2021 9:48:00 PM	63161
Xylenes, Total	ND	0.097	mg/Kg	1	10/11/2021 9:48:00 PM	63161
Surr: 4-Bromofluorobenzene	75.2	70-130	%Rec	1	10/11/2021 9:48:00 PM	63161

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 6

Date Reported: 10/12/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: NW Bottom 26'

 Project:
 Charolais 6 inch Line
 Collection Date: 10/1/2021 11:18:00 AM

 Lab ID:
 2110476-002
 Matrix: SOIL
 Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	PQL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	60	mg/Kg	20	10/9/2021 3:01:07 PM 63176
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: TOM
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	10/11/2021 2:03:58 PM 63164
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/11/2021 2:03:58 PM 63164
Surr: DNOP	87.3	70-130	%Rec	1	10/11/2021 2:03:58 PM 63164
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	10/11/2021 10:07:00 PM 63161
Surr: BFB	88.8	70-130	%Rec	1	10/11/2021 10:07:00 PM 63161
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.023	mg/Kg	1	10/11/2021 10:07:00 PM 63161
Toluene	ND	0.046	mg/Kg	1	10/11/2021 10:07:00 PM 63161
Ethylbenzene	ND	0.046	mg/Kg	1	10/11/2021 10:07:00 PM 63161
Xylenes, Total	ND	0.092	mg/Kg	1	10/11/2021 10:07:00 PM 63161
Surr: 4-Bromofluorobenzene	79.5	70-130	%Rec	1	10/11/2021 10:07:00 PM 63161

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110476** *12-Oct-21*

Client: Talon Artesia

Project: Charolais 6 inch Line

Sample ID: MB-63176 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 63176 RunNo: 81925

Prep Date: 10/9/2021 Analysis Date: 10/9/2021 SeqNo: 2899577 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-63176 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 63176 RunNo: 81925

Prep Date: 10/9/2021 Analysis Date: 10/9/2021 SeqNo: 2899584 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 95.1 90 110

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 3 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110476** *12-Oct-21*

Client: Talon Artesia

Project: Charolais 6 inch Line

Sample ID: MB-63164 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 63164 RunNo: 81939

Prep Date: 10/8/2021 Analysis Date: 10/11/2021 SeqNo: 2900398 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Diesel Range Organics (DRO) ND 10

Motor Oil Range Organics (MRO) ND 50

Surr: DNOP 8.5 10.00 84.9 70 130

Sample ID: LCS-63164 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 63164 RunNo: 81939

4.4

Prep Date: 10/8/2021 Analysis Date: 10/11/2021 SeqNo: 2900403 Units: mg/Kg

5.000

%REC Analyte PQL SPK value SPK Ref Val LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 42 10 50.00 84.4 68.9 135

87.3

70

130

Surr: DNOP

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110476**

12-Oct-21

Client: Talon Artesia

Project: Charolais 6 inch Line

Sample ID: mb-63161 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 63161 RunNo: 81954

Prep Date: 10/8/2021 Analysis Date: 10/11/2021 SeqNo: 2901240 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 990 1000 98.6 70 130

Sample ID: Ics-63161 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

1000

Client ID: LCSS Batch ID: 63161 RunNo: 81954

1100

Prep Date: 10/8/2021 Analysis Date: 10/11/2021 SeqNo: 2901242 Units: mg/Kg

Qual Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Gasoline Range Organics (GRO) 28 5.0 25.00 0 110 78.6 131

106

70

130

Qualifiers:

Surr: BFB

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 5 of 6

Hall Environmental Analysis Laboratory, Inc.

0.83

WO#: **2110476**

12-Oct-21

Client: Talon Artesia

Project: Charolais 6 inch Line

Surr: 4-Bromofluorobenzene

Sample ID: mb-63161 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 63161 RunNo: 81954 Prep Date: 10/8/2021 Analysis Date: 10/11/2021 SeqNo: 2901288 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Result Benzene ND 0.025 Toluene ND 0.050 Ethylbenzene ND 0.050 Xylenes, Total ND 0.10

82.6

70

130

1.000

Sample ID: Ics-63161	Sampl	ype: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batcl	h ID: 63 ′	161	F	RunNo: 8	1954				
Prep Date: 10/8/2021	Analysis D	Date: 10	/11/2021	\$	SeqNo: 2	901290	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	106	80	120			
Toluene	1.0	0.050	1.000	0	102	80	120			
Ethylbenzene	0.99	0.050	1.000	0	99.2	80	120			
Xylenes, Total	3.0	0.10	3.000	0	101	80	120			
Surr: 4-Bromofluorobenzene	0.81		1.000		80.8	70	130			

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 6 of 6



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name:	Talon Arte	sia	Work	Order Num	ber: 211	0476		RcptN	o: 1
Received By:	Cheyenne	e Cason	10/8/20	21 7:35:00	АМ		Chenl		
Completed By:	Sean Livi	ngston	10/8/20	21 7:58:38	AM		Chul 5	,	
Reviewed By:	JR 101	8/21						731-	
Chain of Cus	stody								
1. Is Chain of C		lete?			Yes	\checkmark	No 🗌	Not Present	
2. How was the	sample deliv	vered?			Cou	rier			
Log In									
3. Was an atter	mpt made to	cool the samp	les?		Yes	\checkmark	No 🗌	NA 🗌	
4. Were all sam	ples received	l at a tempera	ture of >0° C t	o 6.0°C	Yes	✓	No 🗌	NA 🗆	
5. Sample(s) in	proper conta	iner(s)?			Yes	V	No 🗌		
6. Sufficient san	nple volume f	or indicated te	est(s)?		Yes	V	No 🗌		
7. Are samples	(except VOA	and ONG) pro	operly preserve	d?	Yes	V	No 🗌		
8. Was preserva	ative added to	bottles?			Yes		No 🗸	NA 🗌	
9. Received at le	east 1 vial wit	h headspace	<1/4" for AQ V	OA?	Yes		No 🗌	NA 🗸	
10. Were any sar	mple containe	ers received b	roken?		Yes		No 🗸		7
								# of preserved bottles checked	
11. Does paperwo (Note discrepa			١		Yes	\checkmark	No 🗆	for pH:	or >12 unless noted)
12. Are matrices		•			Yes	V	No 🗆	Adjusted?	of 212 diffess floted)
13. Is it clear wha					Yes	V	No 🗆		
14. Were all holdi (If no, notify c	ing times able	to be met?			Yes	V	No 🗆	Checked by:	MAR 10/08/
Special Handi		*							(-
15. Was client no			with this order?		Yes		No 🗌	NA 🗸	
Person	Notified:		All public and the second	Date:	I amount	THE SHALL SELECT	MANAGEMENT OF THE PARTY OF THE	A-2007-04-100-100	
By Who	om:			Via:	eM	ail 🗀	Phone Fax	☐ In Person	
Regard	ing:			MANAGEMENT AND	er en	and the same		THE REAL PROPERTY OF THE PARTY	
Client I	nstructions:					mid-militarians			
16. Additional re	marks:								
17. Cooler Infor									
Cooler No	Temp °C	Condition Good	Seal Intact	Seal No	Seal D	ate	Signed By		
i	1.7	Joou							

Receive	ed by	<i>OCL</i>): 1/4	1/202	2 12	:30:	14 PM									П					\Box			Pag	e 84 (of 210
	AL RY																				-			2		
	ENVIKONMENTAL YSTS LABORATOR) = p																			\dashv	\dashv		601		I report.
	ME		Albuquerque, NM 87109)7												8.4)		ınalytica
		1 6	8 MN	505-345-4107	ts st	/200	0001 (01	1000	\						r						_	4		Dow @ Talon LPE.		on the a
ì	Y S	htal	due, I	5-34	Request	(ţu	əsdA\tı				150000	S) 0728 Total C			-				_	-	4	4		7		otated o
	<u> </u>) dud	duer	- 20 - XI								v) 0528							-	-	+		-	You		early no
ĺ	MALL ENVI	www hallenvironmental com	Albu	Fax	Analysis	[⊅] O!	PO₄, S	10 ⁵	٤, ١			CPE, E	_	7							1		\neg	Z		rill be cl
		l ed v	· 当	975	Ā							RCRA 8	_											3		data w
=	ANAL		kins N	505-345-3975			SMISC					d sHA9												3		ıtracted
-	_ ~	1	Haw	505-3								EDB (N												a		sub-cor
			4901 Hawkins NE	Tel.		(0						08:H9J 9 1808		_						_		_	_	ks:		. Any
			4	9.50								(X3T8	7	7						+	+	-	\dashv	Remarks:		ssibility
											(2)		_	د						\dashv	+	+	\dashv			this po
16-12-21	1		, 9		10						0	و و	90	200										Time 1120	Lime	0737 s notice of th
10	14		7		3						1.7	HEAL No.	Q	0										12		es as r
0	7		\ <u>'</u>		003			H	oN 🗆		-0-	型 2 7 2 7								-				10/7/2	Date	0/8/4
	, 년 		10	}	,						1									4	4	+	_		,	O/S
	Rush		, 9		20	,	Ž				.j.	vativ	P	10	<u> </u>							1		. 2		aborato
ime:			(86)		0295	er:	3		Ø Yes		Cooler Temp(including CF):	Preservative Type	3		Ď									$\leq \frac{1}{2}$	Χ <u>ia</u> :	edited
Turn-Around Time:	lard	Project Name:	Mero		2	Project Manager:					mp(in		0	\						\forall	1	1	1	3		CCLM?
-Arot	□ Standard	ect N	3	Project #:	0	ect M	1-1	pler:	ce:	# of Coolers:	er Te	Container Type and #	2	74										Received by:	Received by:	ed to of
Turr		Proj		Proj		Proje		Sampler	On Ice:	to#	000	Cont	1	1	1									Recei	Recei	ontracted t
							on)						`	101	y											odns ac
ord							alidati						N	7												a may l
e C					18	,	ul Vs					ame	77	Brottom											7	onment
×					50		I 4 (F	4				e Na	919	Bo												Envir
bo	W				-//		□ Level 4 (Full Validation)	iance				Sample Name	N9<1.019 14 -1.4	14)										<u>.</u> 2)_	2 dt b Hal
USI	307				h-			dmo	je l	ŀ		S	_ <	1	•			_		_	4	\perp	_	led by	hed by	nbmitte.
J-C	,				1 1			☐ Az Compliance	□ Other			Matrix												Relinquished by:	Relinquished by:	mples sub
9	5	63	ess:		573	;;·	ge:		- 1	(e)			छे	00			-	\dashv	\dashv	+	\dashv	\dashv	+			any, sai
Chain-of-Custody Record	La lor	>	Mailing Address:			email or Fax#:	QA/QC Package: □ Standard	Accreditation:	4C	☐ EDD (Type)		Time	11112	11:1										lime: //¦20	Time:	1700 1717 1717 1718 1719
S	Client		guilir		Phone #:	nail or	QA/QC Packa □ Standard	credit	□ NELAC	EDD			19	\					\neg		\top	\top		N	&	
	Ö		M		씸	en	8 🗆	Ac				Date	0/		,									Date:	Date:	_



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

October 22, 2021

Rebecca Pons
Talon Artesia
408 West Texas Ave
Artesia, NM 88210
TEL:
FAX

RE: Charolais 6" OrderNo.: 2110766

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 7 sample(s) on 10/16/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 10/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: BC3-26'

 Project:
 Charolais 6"
 Collection Date: 10/14/2021 8:35:00 AM

 Lab ID:
 2110766-001
 Matrix: SOIL
 Received Date: 10/16/2021 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	140	60	mg/Kg	20	10/19/2021 1:54:13 AM 63373
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: SB
Diesel Range Organics (DRO)	69	10	mg/Kg	1	10/20/2021 8:21:16 PM 63366
Motor Oil Range Organics (MRO)	51	50	mg/Kg	1	10/20/2021 8:21:16 PM 63366
Surr: DNOP	99.9	70-130	%Rec	1	10/20/2021 8:21:16 PM 63366
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/19/2021 10:39:00 AM 63356
Surr: BFB	99.8	70-130	%Rec	1	10/19/2021 10:39:00 AM 63356
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.025	mg/Kg	1	10/19/2021 10:39:00 AM 63356
Toluene	ND	0.049	mg/Kg	1	10/19/2021 10:39:00 AM 63356
Ethylbenzene	ND	0.049	mg/Kg	1	10/19/2021 10:39:00 AM 63356
Xylenes, Total	ND	0.099	mg/Kg	1	10/19/2021 10:39:00 AM 63356
Surr: 4-Bromofluorobenzene	85.8	70-130	%Rec	1	10/19/2021 10:39:00 AM 63356

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 12

Date Reported: 10/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: NWB4-26'

 Project:
 Charolais 6"
 Collection Date: 10/14/2021 8:38:00 AM

 Lab ID:
 2110766-002
 Matrix: SOIL
 Received Date: 10/16/2021 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	96	60	mg/Kg	20	10/19/2021 2:06:33 AM 63373
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: SB
Diesel Range Organics (DRO)	12	9.3	mg/Kg	1	10/20/2021 8:32:01 PM 63366
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	10/20/2021 8:32:01 PM 63366
Surr: DNOP	95.0	70-130	%Rec	1	10/20/2021 8:32:01 PM 63366
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/19/2021 10:59:00 AM 63356
Surr: BFB	100	70-130	%Rec	1	10/19/2021 10:59:00 AM 63356
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.023	mg/Kg	1	10/19/2021 10:59:00 AM 63356
Toluene	ND	0.047	mg/Kg	1	10/19/2021 10:59:00 AM 63356
Ethylbenzene	ND	0.047	mg/Kg	1	10/19/2021 10:59:00 AM 63356
Xylenes, Total	ND	0.094	mg/Kg	1	10/19/2021 10:59:00 AM 63356
Surr: 4-Bromofluorobenzene	86.5	70-130	%Rec	1	10/19/2021 10:59:00 AM 63356

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 12

Date Reported: 10/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: NEB8-26'

 Project:
 Charolais 6"
 Collection Date: 10/14/2021 8:45:00 AM

 Lab ID:
 2110766-003
 Matrix: SOIL
 Received Date: 10/16/2021 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Bato	ch
EPA METHOD 300.0: ANIONS					Analyst: JMT	Γ
Chloride	96	60	mg/Kg	20	10/19/2021 2:18:55 AM 6337	73
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: SB	
Diesel Range Organics (DRO)	12	10	mg/Kg	1	10/20/2021 8:42:45 PM 6336	66
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/20/2021 8:42:45 PM 6336	66
Surr: DNOP	92.1	70-130	%Rec	1	10/20/2021 8:42:45 PM 6336	66
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb	
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/19/2021 11:18:00 AM 6335	56
Surr: BFB	102	70-130	%Rec	1	10/19/2021 11:18:00 AM 6335	56
EPA METHOD 8021B: VOLATILES					Analyst: mb	
Benzene	ND	0.024	mg/Kg	1	10/19/2021 11:18:00 AM 6335	56
Toluene	ND	0.048	mg/Kg	1	10/19/2021 11:18:00 AM 6335	56
Ethylbenzene	ND	0.048	mg/Kg	1	10/19/2021 11:18:00 AM 6335	56
Xylenes, Total	ND	0.097	mg/Kg	1	10/19/2021 11:18:00 AM 6335	56
Surr: 4-Bromofluorobenzene	89.2	70-130	%Rec	1	10/19/2021 11:18:00 AM 6335	56

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 12

Date Reported: 10/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: NEB7-26'

 Project:
 Charolais 6"
 Collection Date: 10/14/2021 8:47:00 AM

 Lab ID:
 2110766-004
 Matrix: SOIL
 Received Date: 10/16/2021 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	110	60	mg/Kg	20	10/19/2021 2:31:16 AM 63373
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: SB
Diesel Range Organics (DRO)	10	9.7	mg/Kg	1	10/20/2021 8:53:31 PM 63366
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/20/2021 8:53:31 PM 63366
Surr: DNOP	98.4	70-130	%Rec	1	10/20/2021 8:53:31 PM 63366
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/19/2021 11:38:00 AM 63356
Surr: BFB	108	70-130	%Rec	1	10/19/2021 11:38:00 AM 63356
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.024	mg/Kg	1	10/19/2021 11:38:00 AM 63356
Toluene	ND	0.048	mg/Kg	1	10/19/2021 11:38:00 AM 63356
Ethylbenzene	ND	0.048	mg/Kg	1	10/19/2021 11:38:00 AM 63356
Xylenes, Total	ND	0.097	mg/Kg	1	10/19/2021 11:38:00 AM 63356
Surr: 4-Bromofluorobenzene	93.6	70-130	%Rec	1	10/19/2021 11:38:00 AM 63356

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 12

Date Reported: 10/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: NEB5-26'

 Project:
 Charolais 6"
 Collection Date: 10/14/2021 9:00:00 AM

 Lab ID:
 2110766-005
 Matrix: SOIL
 Received Date: 10/16/2021 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	86	60	mg/Kg	20	10/19/2021 2:43:37 AM 63373
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/19/2021 11:46:31 AM 63366
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/19/2021 11:46:31 AM 63366
Surr: DNOP	94.5	70-130	%Rec	1	10/19/2021 11:46:31 AM 63366
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/19/2021 11:58:00 AM 63356
Surr: BFB	102	70-130	%Rec	1	10/19/2021 11:58:00 AM 63356
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.024	mg/Kg	1	10/19/2021 11:58:00 AM 63356
Toluene	ND	0.047	mg/Kg	1	10/19/2021 11:58:00 AM 63356
Ethylbenzene	ND	0.047	mg/Kg	1	10/19/2021 11:58:00 AM 63356
Xylenes, Total	ND	0.095	mg/Kg	1	10/19/2021 11:58:00 AM 63356
Surr: 4-Bromofluorobenzene	87.3	70-130	%Rec	1	10/19/2021 11:58:00 AM 63356

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 5 of 12

Date Reported: 10/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: NEB3-26'

 Project:
 Charolais 6"
 Collection Date: 10/14/2021 9:05:00 AM

 Lab ID:
 2110766-006
 Matrix: SOIL
 Received Date: 10/16/2021 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	100	60	mg/Kg	20	10/19/2021 3:20:40 AM 63373
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: SB
Diesel Range Organics (DRO)	190	9.2	mg/Kg	1	10/19/2021 12:26:37 PM 63366
Motor Oil Range Organics (MRO)	89	46	mg/Kg	1	10/19/2021 12:26:37 PM 63366
Surr: DNOP	87.3	70-130	%Rec	1	10/19/2021 12:26:37 PM 63366
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/19/2021 12:17:00 PM 63356
Surr: BFB	103	70-130	%Rec	1	10/19/2021 12:17:00 PM 63356
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.025	mg/Kg	1	10/19/2021 12:17:00 PM 63356
Toluene	ND	0.050	mg/Kg	1	10/19/2021 12:17:00 PM 63356
Ethylbenzene	ND	0.050	mg/Kg	1	10/19/2021 12:17:00 PM 63356
Xylenes, Total	ND	0.099	mg/Kg	1	10/19/2021 12:17:00 PM 63356
Surr: 4-Bromofluorobenzene	90.6	70-130	%Rec	1	10/19/2021 12:17:00 PM 63356

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 6 of 12

Date Reported: 10/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: NEB2-26'

 Project:
 Charolais 6"
 Collection Date: 10/14/2021 9:08:00 AM

 Lab ID:
 2110766-007
 Matrix: SOIL
 Received Date: 10/16/2021 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	: VP
Chloride	140	60	mg/Kg	20	10/19/2021 7:40:46 AM	63384
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	SB
Diesel Range Organics (DRO)	65	9.7	mg/Kg	1	10/20/2021 9:04:17 PM	63366
Motor Oil Range Organics (MRO)	49	49	mg/Kg	1	10/20/2021 9:04:17 PM	63366
Surr: DNOP	101	70-130	%Rec	1	10/20/2021 9:04:17 PM	63366
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/19/2021 12:37:00 PM	M 63356
Surr: BFB	103	70-130	%Rec	1	10/19/2021 12:37:00 PM	M 63356
EPA METHOD 8021B: VOLATILES					Analyst:	: mb
Benzene	ND	0.024	mg/Kg	1	10/19/2021 12:37:00 PM	M 63356
Toluene	ND	0.047	mg/Kg	1	10/19/2021 12:37:00 PM	И 63356
Ethylbenzene	ND	0.047	mg/Kg	1	10/19/2021 12:37:00 PM	A 63356
Xylenes, Total	ND	0.095	mg/Kg	1	10/19/2021 12:37:00 PM	A 63356
Surr: 4-Bromofluorobenzene	88.1	70-130	%Rec	1	10/19/2021 12:37:00 PM	Л 63356

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 7 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110766 22-***Oct-21*

Client: Talon Artesia
Project: Charolais 6"

Sample ID: MB-63373 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 63373 RunNo: 82151

Prep Date: 10/18/2021 Analysis Date: 10/18/2021 SeqNo: 2910803 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-63373 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 63373 RunNo: 82151

Prep Date: 10/18/2021 Analysis Date: 10/18/2021 SeqNo: 2910804 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 91.9 90 110

Sample ID: MB-63384 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 63384 RunNo: 82148

Prep Date: 10/19/2021 Analysis Date: 10/19/2021 SeqNo: 2911697 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-63384 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 63384 RunNo: 82148

Prep Date: 10/19/2021 Analysis Date: 10/19/2021 SeqNo: 2911698 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 92.8 90 110

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 8 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110766**

22-Oct-21

Client: Talon Artesia
Project: Charolais 6"

Sample ID: MB-63366	SampT	ype: ME	BLK	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: PBS	Batch	1D: 63	366	RunNo: 82153									
Prep Date: 10/18/2021	Analysis D	ate: 10)/19/2021	5	SeqNo: 2	910930	Units: mg/K	(g					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Diesel Range Organics (DRO)	ND	10											
Motor Oil Range Organics (MRO)	ND	50											
Surr: DNOP	11		10.00		109	70	130						
Sample ID: MB-63425	SampT	уре: МЕ	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics				
Client ID: PBS	Batch	1D: 63 4	425	F	RunNo: 8	2185							
1													

Client ID: PBS	Batch ID:	63425	R	unNo: 8	2185				
Prep Date: 10/20/2021	Analysis Date:	10/20/2021	S	eqNo: 29	913065	Units: %Red	;		
Analyte	Result P	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.5	10.00		94.7	70	130			

Sample ID: LCS-63425	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 63425	RunNo: 82185	
Prep Date: 10/20/2021	Analysis Date: 10/20/2021	SeqNo: 2913066	Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Surr: DNOP	4.7 5.000	93.7 70	130

Sample ID: 2110766-001AMS	SampT	ype: MS	3	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: BC3-26'	Batch	ID: 63	366	F	RunNo: 8	2184				
Prep Date: 10/18/2021	Analysis D	ate: 10	0/20/2021	S	SeqNo: 2	914706	Units: mg/k	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	79	9.8	49.12	70.64	17.9	39.3	155			S
Surr: DNOP	5.0		4.912		102	70	130			

Sample ID: 2110766-001AMSD	SampT	ype: MS	SD	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	Organics	
Client ID: BC3-26'	Batch	ID: 63	366	R	tunNo: 8	2184				
Prep Date: 10/18/2021	Analysis D	ate: 10)/20/2021	S	SeqNo: 2	914707	Units: mg/K	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	130	9.8	49.07	70.64	121	39.3	155	46.0	23.4	R
Surr: DNOP	4.8		4 907		98.4	70	130	0	0	

Sample ID: LCS-63366	SampT	mpType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organ										
Client ID: LCSS	Batch	n ID: 63	366	F	lunNo: 8	2184						
Prep Date: 10/18/2021	Analysis D	ate: 10	/20/2021	S	SeqNo: 2	914776	Units: mg/K	(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	47	10	50.00	0	94.9	68.9	135					

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 9 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110766 22-***Oct-21*

Client: Talon Artesia

Project: Charolais 6"

Sample ID: LCS-63366 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 63366 RunNo: 82184

Prep Date: 10/18/2021 Analysis Date: 10/20/2021 SeqNo: 2914776 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: DNOP 5.0 5.000 100 70 130

Sample ID: LCS-63449 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 63449 RunNo: 82184

Prep Date: 10/20/2021 Analysis Date: 10/21/2021 SeqNo: 2916079 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: DNOP 5.3 5.000 106 70 130

Sample ID: MB-63449 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 63449 RunNo: 82184

Prep Date: 10/20/2021 Analysis Date: 10/21/2021 SeqNo: 2916080 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: DNOP 10 10.00 103 70 13

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 10 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110766**

22-Oct-21

Client: Talon Artesia
Project: Charolais 6"

Sample ID: mb-63356 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 63356 RunNo: 82158

Prep Date: 10/18/2021 Analysis Date: 10/19/2021 SeqNo: 2910913 Units: mq/Kq

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 990 1000 98.8 70 130

Sample ID: Ics-63356 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 63356 RunNo: 82158

Prep Date: 10/18/2021 Analysis Date: 10/19/2021 SeqNo: 2911927 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 5.0 25.00 O 118 78.6 131

Surr: BFB 1200 1000 117 70 130

Sample ID: 2110766-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: **BC3-26'** Batch ID: **63356** RunNo: **82158**

Prep Date: 10/18/2021 Analysis Date: 10/19/2021 SeqNo: 2911929 Units: mg/Kg

Result SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte PQL LowLimit Qual Gasoline Range Organics (GRO) 36 5.0 24.75 0 146 61.3 114 S Surr: BFB 70 990.1 1200 123 130

Sample ID: 2110766-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: BC3-26' Batch ID: 63356 RunNo: 82158

Prep Date: 10/18/2021 Analysis Date: 10/19/2021 SeqNo: 2911931 Units: mg/Kg

SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Result PQL LowLimit Qual Gasoline Range Organics (GRO) 34 4.8 23.90 141 61.3 7.04 S n 114 20 Surr: BFB 1100 956.0 120 70 130 0 0

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 11 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#: 2110766

22-Oct-21

Client: Talon Artesia **Project:** Charolais 6'

Client ID:

LCSS

Sample ID: mb-63356 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 63356 RunNo: 82158

Prep Date: 10/18/2021 Analysis Date: 10/19/2021 SeqNo: 2910914 Units: mq/Kq

PQL SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result LowLimit HighLimit Qual Benzene ND 0.025

Toluene ND 0.050 0.050 Ethylbenzene ND Xylenes, Total ND 0.10

Surr: 4-Bromofluorobenzene 0.86 1.000 86.3 70 130

Sample ID: Ics-63356 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Analysis Date: 10/19/2021 SeqNo: 2911967 Prep Date:

10/18/2021 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 1.000 0.93 0.025 0 92.5 80 120 Benzene Toluene 0.90 0.050 1.000 0 90.3 80 120 0 80 Ethylbenzene 0.94 0.050 1.000 94.0 120 0 96.3 Xylenes, Total 2.9 0.10 3.000 80 120 Surr: 4-Bromofluorobenzene 0.86 1.000 86.5 70 130

RunNo: 82158

SampType: MS TestCode: EPA Method 8021B: Volatiles Sample ID: 2110766-002ams

Client ID: NWB4-26' Batch ID: 63356 RunNo: 82158

Batch ID: 63356

Prep Date: 10/18/2021 Analysis Date: 10/19/2021 SeqNo: 2911969 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 95.8 80 0.91 0.024 0.9542 120 Benzene O Toluene 0.97 0.048 0.9542 0 101 80 120 120 0.9542 0 103 80 Ethylbenzene 0.98 0.048 Xylenes, Total 3.1 0.095 2.863 0 107 80 120 Surr: 4-Bromofluorobenzene 0.86 0.9542 89.9 70 130

TestCode: EPA Method 8021B: Volatiles Sample ID: 2110766-002amsd SampType: MSD

NWB4-26' Batch ID: 63356 Client ID: RunNo: 82158

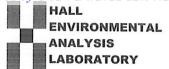
Prep Date: 10/18/2021	Analysis Date: 10/19/2021			S	SeqNo: 29	911971	(g					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	0.91	0.024	0.9470	0	96.3	80	120	0.242	20			
Toluene	0.99	0.047	0.9470	0	104	80	120	2.43	20			
Ethylbenzene	0.99	0.047	0.9470	0	104	80	120	0.282	20			
Xylenes, Total	3.0	0.095	2.841	0	106	80	120	1.23	20			
Surr: 4-Bromofluorobenzene	0.81		0.9470		85.7	70	130	0	0			

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 12 of 12



Hall Environmental Analysis Laboratory 4901 Hawkins NE

Sample Log-In Check List Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

Client Name:	Talon Artesia	Work Order N	lumber: 2110766		RcptNo: 1	
Received By:	Cheyenne Cason	10/16/2021 7:50	D:00 AM	Chul		
Completed By:	Cheyenne Cason	10/16/2021 8:23	1:38 AM	Chul		
Reviewed By:	IO	15/81/01				
Chain of Cus	stody					
1. Is Chain of C	Custody complete?		Yes 🗸	No 🗌	Not Present	
2. How was the	e sample delivered?		Courier			
<u>Log In</u>						
3. Was an atter	mpt made to cool the sar	nples?	Yes 🗸	No 🗌	NA 🗌	
4. Were all sam	nples received at a tempe	erature of >0° C to 6.0°C	Yes 🗸	No 🗌	NA 🗌	
5. Sample(s) in	proper container(s)?		Yes 🗸	No 🗌		
6. Sufficient san	mple volume for indicated	test(s)?	Yes 🗸	No 🗌		
7. Are samples	(except VOA and ONG)	properly preserved?	Yes 🗸	No 🗌		
8. Was preserva	ative added to bottles?		Yes	No 🗸	NA 🗆	
9. Received at le	east 1 vial with headspac	e <1/4" for AQ VOA?	Yes	No 🗌	NA 🗹	
10. Were any sa	mple containers received	broken?	Yes	No 🗸	# of preserved	
	ork match bottle labels?	dv)	Yes 🗸	No 🗆	bottles checked for pH:	unless noted)
	correctly identified on Ch		Yes 🗸	No 🗌	Adjusted?	umess noteu)
	at analyses were requeste		Yes 🗹	No 🗆		
14. Were all holdi	ing times able to be met?		Yes 🗸	No 🗆	Checked by:	10/14
	ling (if applicable)	,				
	otified of all discrepancies	s with this order?	Yes	No 🗌	NA 🗸	
Person	Notified:	Da	ate:	AND REAL PROPERTY.		
By Who	om:	Vi	a: eMail	Phone Fax	In Person	
Regard Client I	nstructions:					
16. Additional re						
17. <u>Cooler Info</u>						
Cooler No	and the same of th	Seal Intact Seal No	Seal Date	Signed By		
1	2.6 Good			- 3)		
2	0.8 Good			Contract to the Contract of th		

	ANALYSTS ARORATORY	www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	Analysis	ΦO	PCB's	(1.)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	5/8/8 5 10 6 / / / / / / / / / / / / / / / / / / /	ides od 5 or ov ov	ethoethoethoethoethoethoethoethoethoetho	8081 Pe EDB (M PAHs b 8250 (V 8270 (S Total Co	×		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \								S: Please cc the following via email:	Kpons@talonipe.com			If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
			4	H								NETEX /	×						-0	•			 Remarks:	Z D D			ossibility.
Turn-Around Time: 10-19-21	Standard Cx Rush 4day		Charolais 6"	ct #:	702958.003.01	Project Manager:	Pons	R Pons	Q Yes □ No	olers: 2 2.6-0= 2.6	Cooler Temp(including cF): 6.8-0-0.8	Preservative HEAL No.	Ice Gol	700	603	000	0.05	900	200		4.5		Via: Date Time	60.	ed by: Via: Date Time	se count tolida 0750	to other accredited laboratories. This serves as notice of this po
Turn-	Ö	Proje	_	Project #:	_	Proje	Rebecca	Sampler:	On Ice:	# of C	Coole	Container Type and #	Jar					- :					Received by	7	Received by	S	contracted
Chain-of-Custody Record	Client: Talon LPE	408 W Texas St	ddress: Artesia, NM 88210		575-441-0980	Fax#: (575) 746-8905	ckage: Level 4 (Full Validation)	tion: Az Compliance		1 1		Time Matrix Sample Name	8:35 BC3-26	7.37 · NWB4-26'	NEB8-26'	NEB7-26'	0.00 NEB5-26'	4:05 · NEB3-26	9.0% NEB2-26'				Time: Relinquished by:		Ř	900 (JULY	ecessary, samples submitted to Hall Environmental may be subt
S	Client: T	40	Mailing Address:		Phone #:	email or Fax#:	QA/QC Package:	Accreditation:	□ NELAC	□ EDD (Type)		Date	10/14/21	7	- %c	×	<i>90</i>	g	00					7	Date: Tim	WISTON 1900	If ne



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

October 26, 2021

Rebecca Pons Talon Artesia 408 West Texas Ave Artesia, NM 88210 TEL: (575) 441-0980

FAX

RE: Chorolais 6 Inch OrderNo.: 2110984

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 1 sample(s) on 10/21/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: NEB3-26.5'

 Project:
 Chorolais 6 Inch
 Collection Date: 10/15/2021 8:30:00 AM

 Lab ID:
 2110984-001
 Matrix: SOIL
 Received Date: 10/21/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batc
EPA METHOD 300.0: ANIONS					Analyst: VP
Chloride	140	60	mg/Kg	20	10/23/2021 6:09:26 AM 6350
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: SB
Diesel Range Organics (DRO)	46	9.5	mg/Kg	1	10/23/2021 4:18:20 AM 6348
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/23/2021 4:18:20 AM 6348
Surr: DNOP	103	70-130	%Rec	1	10/23/2021 4:18:20 AM 6348
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	10/22/2021 10:03:45 PM 6347
Surr: BFB	109	70-130	%Rec	1	10/22/2021 10:03:45 PM 6347
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.023	mg/Kg	1	10/22/2021 10:03:45 PM 6347
Toluene	ND	0.046	mg/Kg	1	10/22/2021 10:03:45 PM 6347
Ethylbenzene	ND	0.046	mg/Kg	1	10/22/2021 10:03:45 PM 6347
Xylenes, Total	ND	0.091	mg/Kg	1	10/22/2021 10:03:45 PM 6347
Surr: 4-Bromofluorobenzene	83.8	70-130	%Rec	1	10/22/2021 10:03:45 PM 6347

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110984**

26-Oct-21

Client: Talon Artesia
Project: Chorolais 6 Inch

Sample ID: MB-63501 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 63501 RunNo: 82259

Prep Date: 10/22/2021 Analysis Date: 10/23/2021 SeqNo: 2917940 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-63501 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 63501 RunNo: 82259

Prep Date: 10/22/2021 Analysis Date: 10/23/2021 SeqNo: 2917941 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 95.7 90 110

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110984 26-Oct-21**

Client: Talon Artesia

Project: Talon Artesia
Chorolais 6 Inch

Sample ID: LCS-63462 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 63462 RunNo: 82270

Prep Date: 10/21/2021 Analysis Date: 10/22/2021 SeqNo: 2916719 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: DNOP 6.4 5.000 127 70 130

Sample ID: MB-63462 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 63462 RunNo: 82270

Prep Date: 10/21/2021 Analysis Date: 10/22/2021 SeqNo: 2916721 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: DNOP 12 10.00 123 70 130

Sample ID: LCS-63486 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 63486 Prep Date: 10/22/2021 Analysis Date: 10/23/2021 SeqNo: 2917007 Units: mq/Kq Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 43 10 0 68.9 135

 Diesel Range Organics (DRO)
 43
 10
 50.00
 0
 87.0
 68.9
 135

 Surr: DNOP
 4.0
 5.000
 79.8
 70
 130

Sample ID: MB-63486 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 63486 RunNo: 82270

Prep Date: 10/22/2021 Analysis Date: 10/23/2021 SeqNo: 2917009 Units: mq/Kq

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Diesel Range Organics (DRO) ND 10
Motor Oil Range Organics (MRO) ND 50

Surr: DNOP 8.4 10.00 83.9 70 130

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110984 26-Oct-21**

Client: Talon Artesia
Project: Chorolais 6 Inch

Sample ID: mb-63473 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 63473 RunNo: 82288

Prep Date: 10/21/2021 Analysis Date: 10/22/2021 SeqNo: 2917356 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 1000 1000 105 70 130

Sample ID: Ics-63473 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 63473 RunNo: 82288

1200

Prep Date: 10/21/2021 Analysis Date: 10/22/2021 SeqNo: 2917357 Units: mg/Kg

1000

Qual Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Gasoline Range Organics (GRO) 29 5.0 25.00 0 114 78.6 131

115

70

130

Qualifiers:

Surr: BFB

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: 2110984

26-Oct-21

Client: Talon Artesia **Project:** Chorolais 6 Inch

Sample ID: mb-63473 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 63473 RunNo: 82288

Prep Date: 10/21/2021 Analysis Date: 10/22/2021 SeqNo: 2917435 Units: mg/Kg

PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Analyte Result Qual Benzene ND 0.025

Toluene ND 0.050 Ethylbenzene ND 0.050 Xylenes, Total ND 0.10

Surr: 4-Bromofluorobenzene 0.87 1.000 87.3 70 130

Sample ID: LCS-63473 SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSS Batch ID: 63473 RunNo: 82288

Prep Date: 10/21/2021	Analysis [Date: 10)/22/2021	9	SeqNo: 2	917436	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	1.000	0	98.3	80	120			
Toluene	0.99	0.050	1.000	0	99.2	80	120			
Ethylbenzene	0.98	0.050	1.000	0	98.2	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.6	80	120			
Surr: 4-Bromofluorobenzene	0.90		1.000		90.5	70	130			

Sample ID: 2110984-001ams SampType: MS TestCode: EPA Method 8021B: Volatiles

Client ID: NEB3-26.5' Batch ID: 63473 RunNo: 82288

Prep Date: 10/21/2021	Analysis [Date: 10)/22/2021	S	SeqNo: 29	917438	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.023	0.9259	0	103	80	120			
Toluene	0.98	0.046	0.9259	0	106	80	120			
Ethylbenzene	0.98	0.046	0.9259	0.009881	104	80	120			
Xylenes, Total	2.9	0.093	2.778	0.03156	102	80	120			
Surr: 4-Bromofluorobenzene	0.81		0.9259		87.3	70	130			

TestCode: EPA Method 8021B: Volatiles Sample ID: 2110984-001amsd SampType: MSD

Client ID: NEB3-26.5' Batch ID: 63473 RunNo: 82288

Prep Date: 10/21/2021	Analysis D	Date: 10)/22/2021	S	SeqNo: 29	917439	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9470	0	110	80	120	8.91	20	
Toluene	1.1	0.047	0.9470	0	112	80	120	7.72	20	
Ethylbenzene	1.1	0.047	0.9470	0.009881	112	80	120	9.03	20	
Xylenes, Total	3.1	0.095	2.841	0.03156	110	80	120	9.51	20	
Surr: 4-Bromofluorobenzene	0.83		0.9470		87.2	70	130	0	0	

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 5 of 5



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name:	Talon Artesia	Work Order Numb	per: 2110984		RcptNo:	1
Received By:	Cheyenne Cason	10/21/2021 7: 05 :00	AD 10.31.21	Chul		
Completed By:	Desiree Dominguez	10/21/2021 8:35:13	AM	TPS		
Reviewed By:	TMC	10/21/21 9:43				
Chain of Custo	ody					
1. Is Chain of Cus			Yes 🗸	No 🗌	Not Present	
2. How was the sa	ample delivered?		Courier			
Log In						
The state of the s	t made to cool the san	nples?	Yes 🗸	No 🗌	NA 🗆	
4. Were all sample	es received at a tempe	rature of >0° C to 6.0°C	Yes 🗸	No 🗌	NA 🗌	
5. Sample(s) in pro	oper container(s)?		Yes 🗸	No 🗌		
6. Sufficient sample	e volume for indicated	test(s)?	Yes 🗸	No 🗌		
7. Are samples (ex	cept VOA and ONG) p	properly preserved?	Yes 🗸	No 🗌		
8. Was preservativ	re added to bottles?		Yes	No 🗸	NA 🗆	
9. Received at leas	st 1 vial with headspac	e <1/4" for AQ VOA?	Yes	No 🗌	NA 🗹	
10. Were any samp	le containers received	broken?	Yes	No 🗸	100 a	
					# of preserved bottles checked	
	match bottle labels?	4	Yes 🗸	No 🗌	for pH:	10 1
	cies on chain of custod rectly identified on Ch		Yes 🗸	No 🗌	(<2 or :	>12 unless noted)
	nalyses were requeste		Yes ✓	No 🗆		
4. Were all holding	times able to be met? tomer for authorization		Yes 🗹	No 🗆	Checked by: K	PG 10/21/
pecial Handlin	g (if applicable)					
	ied of all discrepancies	s with this order?	Yes	No 🗌	NA 🗹	
Person No	otified:	Date:	The section of the section and the section of the s	COMMISSION CONTRACTOR OF THE C		
By Whom		Via:	eMail	Phone Fax	☐ In Person	
Regarding	J: Transcription	AND THE RESIDENCE OF THE PARTY			The state of the s	
Client Inst	,	THE RESIDENCE OF THE PARTY OF T	E CALONI MINISTER DE L'ANGUAGNICA CAL	THE A SERVICE OF THE PARTY OF T	CHARLES OF CHARLES AND CHARLES OF	
16. Additional rema	arks:					
7. Cooler Informa	The second secon	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Toggetting access to the	Feld Proposition		
	Temp °C Condition	Seal Intact Seal No	Seal Date	Signed By		

Chain-of-	Chain-of-Custody Record	Turn-Around Tim	Time:	10/35/21			-	:	ĺ	ļ	(Receive
Clien	(0)	- Standard	Rush	Apolay				ANAL		Y		MALL ENVIKONMENTAL ANALYSTS LABORATOR		E C	ed by
Imaa		Project Name:					, §	\rangle \ran	envir	emuc	www.hallenvironmental.com	<u> </u>			<i>0CL</i> •
Mailing Address:		5	10 R D/M	19		4901 Hawkins NE	awkins	- 号	Albu	duerq	ue, N	Albuquerque, NM 87109	6) : 1/4
1/25		Project #:				Tel. 505-345-3975	5-345-	3975	F	× 50	Fax 505-345-4107	4107			/202
Phone #: 535	N. 10-18/20	702	958.6	903.01				A	nalys	is Re	Analysis Request				22 12
email or Fax#:		Project Manager:	jer:			(0			[⊅] O:		(ţu				:30:
QA/QC Package:	☐ Level 4 (Full Validation)	19	7000	3	208) s	CB,2	SWIS		S ԠOd		əsdA\t				:14 PM
on:	☐ Az Compliance	Sampler:	Dorch						10 ⁵ '						
NELAC	□ Other		- Yes	□ No		1000			٤' ا	(AC					
□ EDD (Type)		# of Coolers:	1												
		Cooler Temp(including CF):	ncluding CF):	19 40,1=2,0(°C)		10					WHIRE GO				
Date Time Matrix	ix Sample Name	Container Type and #	Preservative Type	HEAL NO.		1 1808	EDB (АЯЭЯ) 0928) 0728	000 10 100				
10/6/21 8 130	2,0,5,		504	100-	120										
,)												
								-				3			
							-			-					
							-		\dashv	\dashv					\dashv
							+		+	+		+			
								ā		-		+	-		-
							-			+		-			
									- 7						
Time:	Relinquished by:	Received by:	Via:	Date Time	Remarks:	ks:	me	2	R	Jone		etalon	onh	PEN	Page
Date: Time: Relind	Relinquished by:	Received by:	>	Date Time											e 107 oj
If necessary, sample	If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.	contracted to other ac	credited laboratories	s. This serves as notice of thi	s possibilit	/. Any sul	-contract	ed data	vill be cl	early no	tated on t	the analy	tical repo	r;	F210

Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-1303-1

Laboratory Sample Delivery Group: Lea County

Client Project/Site: Charolais 6"

For:

Talon/LPE 408 W. Texas St. Artesia, New Mexico 88210

Attn: Rebecca Pong

KRAMER

Authorized for release by: 9/30/2021 8:49:16 PM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

LINKS

Review your project results through

Have a Question?



Visit us at:

www.eurofinsus.com/Env

Released to Imaging: 1/25/2022 9:33:42 AM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

1

3

5

6

8

9

11

12

13

Client: Talon/LPE
Project/Site: Charolais 6"

Laboratory Job ID: 890-1303-1
SDG: Lea County

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	19
QC Sample Results	21
QC Association Summary	35
Lab Chronicle	42
Certification Summary	48
Method Summary	49
Sample Summary	50
Chain of Custody	51
Receipt Checklists	55

3

4

6

8

10

12

13

Qualifier Description

Definitions/Glossary

Client: Talon/LPE Job ID: 890-1303-1 Project/Site: Charolais 6" SDG: Lea County

Qualifiers

GC VOA
Qualifier

J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
N2	RPD of the MS and MSD exceeds the control limits
U	Analyte was not detected at or above the SDL.
X	Surrogate recovery exceeds control limits

GC Semi VOA

Qualifier	Qualifier Description	
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.	
U	Analyte was not detected at or above the SDL.	
X	Surrogate recovery exceeds control limits	
HPLC/IC		
	A 100 B 1 4	

HPLC/IC	
Qualifier	Qualifier Description
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
U	Analyte was not detected at or above the SDL.
U	Analyte was not detected at or above the SDL.

Glossary

EDL

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)

LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)

Estimated Detection Limit (Dioxin)

MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit

ND	Not Detected at the reporting limit (or MDL or EDL if shown)
----	--

NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
DDEC	Procumptivo

	1 Toodin part
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)

RL	Reporting Limit or Requested Limit (Radiochemistry	V)

	-	-	•				
DDD	Polativo	Porcont Diffe	ronco a moa	cure of the rela	ativo difforanco	hotwoon two	nointe

	•
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: Talon/LPE

Job ID: 890-1303-1

Project/Site: Charolais 6"

SDG: Lea County

Job ID: 890-1303-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative 890-1303-1

Receipt

The samples were received on 9/23/2021 1:25 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.6° C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-8504 and analytical batch 880-8506 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: B-1 (890-1303-1), B-1 (890-1303-2), B-1 (890-1303-3), B-1 (890-1303-6), B-1 (890-1303-8), B-2 (890-1303-9), B-2 (890-1303-10), B-2 (890-1303-11), B-2 (890-1303-12), B-2 (890-1303-13) and (890-1300-A-1-F). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-8507 and analytical batch 880-8502 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (890-1303-A-14-D MSD). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

1

2

3

4

5

8

1 በ

12

13

Job ID: 890-1303-1 SDG: Lea County

Project/Site: Charolais 6" Client Sample ID: B-1

Lab Sample ID: 890-1303-1

Matrix: Solid

Date Received: 09/23/21 13:25 Sample Depth: 8

Date Collected: 09/22/21 10:20

Client: Talon/LPE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0759		0.00199	0.000383	mg/Kg		09/28/21 09:54	09/28/21 16:20	1
Toluene	3.01		0.199	0.0454	mg/Kg		09/28/21 13:08	09/29/21 15:48	100
Ethylbenzene	5.59		0.199	0.0563	mg/Kg		09/28/21 13:08	09/29/21 15:48	100
m-Xylene & p-Xylene	4.08		0.398	0.101	mg/Kg		09/28/21 13:08	09/29/21 15:48	100
o-Xylene	2.33		0.199	0.0343	mg/Kg		09/28/21 13:08	09/29/21 15:48	100
Xylenes, Total	6.41		0.398	0.101	mg/Kg		09/28/21 13:08	09/29/21 15:48	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	445	X	70 - 130				09/28/21 09:54	09/28/21 16:20	1
1,4-Difluorobenzene (Surr)	98		70 - 130				09/28/21 09:54	09/28/21 16:20	1
- Method: Total BTEX - Total BTEX	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	15.1		0.00200	0.00100	mg/Kg			09/30/21 19:38	1
Method: 8015 NM - Diesel Range Analyte Total TPH		Qualifier	RL 50.0	MDL 15.0	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 09/30/21 12:51	Dil Fac
IOTAL IPH	1040		30.0	15.0	mg/rkg			09/30/21 12:31	'
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	206		49.9	15.0	mg/Kg		09/27/21 08:53	09/27/21 15:01	1
Diesel Range Organics (Over C10-C28)	1630		49.9	15.0	mg/Kg		09/27/21 08:53	09/27/21 15:01	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		09/27/21 08:53	09/27/21 15:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	X	70 - 130				09/27/21 08:53	09/27/21 15:01	1
o-Terphenyl	117		70 - 130				09/27/21 08:53	09/27/21 15:01	1
_									
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Method: 300.0 - Anions, Ion Chro Analyte		Soluble Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: B-1 Lab Sample ID: 890-1303-2 Date Collected: 09/22/21 10:27 Matrix: Solid

Date Received: 09/23/21 13:25

Sample Depth: 10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00185	J	0.00200	0.000385	mg/Kg		09/28/21 09:54	09/28/21 16:40	1
Toluene	0.156		0.00200	0.000456	mg/Kg		09/28/21 09:54	09/28/21 16:40	1
Ethylbenzene	2.54		0.100	0.0283	mg/Kg		09/28/21 13:08	09/29/21 16:09	50
m-Xylene & p-Xylene	0.371		0.00400	0.00101	mg/Kg		09/28/21 09:54	09/28/21 16:40	1
o-Xylene	0.219		0.00200	0.000344	mg/Kg		09/28/21 09:54	09/28/21 16:40	1
Xylenes, Total	0.590		0.00400	0.00101	mg/Kg		09/28/21 09:54	09/28/21 16:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	260	X	70 - 130				09/28/21 09:54	09/28/21 16:40	1

Client: Talon/LPE Job ID: 890-1303-1 Project/Site: Charolais 6" SDG: Lea County

Client Sample ID: B-1 Lab Sample ID: 890-1303-2

Date Collected: 09/22/21 10:27 Matrix: Solid Date Received: 09/23/21 13:25

Sample Depth: 10

Method: 8021B - Volatile Organic Con	noounds (GC)	(Continued)
motifical collision of gains con	ipodiido (OO)	(Continuou,

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	79	70 - 130	09/28/21 09:54	09/28/21 16:40	1

Method: Total	BTEX - Total BTI	EX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	3.29		0.00200	0.00100	mg/Kg			09/30/21 19:38	1

ı			
	BARRIER II. COAR NIBA	Discal Dames Onnenies (DDO) (CO)	

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	880	50.0	15.0 mg/Kg			09/30/21 12:51	1	

Method: 8015B NM - Diesel Range Organics (DRO)	(GC)	
incured to the time bicact runge organica (bito)	100,	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	49.4	J	49.8	14.9	mg/Kg		09/27/21 08:53	09/27/21 15:23	1
Diesel Range Organics (Over C10-C28)	831		49.8	14.9	mg/Kg		09/27/21 08:53	09/27/21 15:23	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8	14.9	mg/Kg		09/27/21 08:53	09/27/21 15:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	
1-Chlorooctane	135	X	70 - 130	09/27/21 08:53)
o Tembenyl	120		70 120	00/27/21 08:52	-

Γ.,					
o-Terphenyl	130	70 - 130	09/27/21 08:53	09/27/21 15:23	1
1-Chiorooctane	135 X	70 - 130	09/27/21 08:53	09/27/21 15:23	7

Method. 300.0 - Amons, fon t	officinatography - Soluble
Analyto	Posult Qualifier

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	324	4.95	0.850	mg/Kg			09/27/21 20:38	1

Client Sample ID: B-1 Lab Sample ID: 890-1303-3 **Matrix: Solid**

Date Collected: 09/22/21 10:40 Date Received: 09/23/21 13:25

Sample Depth: 12 - 13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000519	J	0.00201	0.000387	mg/Kg		09/28/21 09:54	09/28/21 17:01	1
Toluene	0.0334		0.00201	0.000459	mg/Kg		09/28/21 09:54	09/28/21 17:01	1
Ethylbenzene	0.133		0.00201	0.000568	mg/Kg		09/28/21 09:54	09/28/21 17:01	1
m-Xylene & p-Xylene	0.119		0.00402	0.00102	mg/Kg		09/28/21 09:54	09/28/21 17:01	1
o-Xylene	0.0826		0.00201	0.000346	mg/Kg		09/28/21 09:54	09/28/21 17:01	1
Xylenes, Total	0.202		0.00402	0.00102	mg/Kg		09/28/21 09:54	09/28/21 17:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorohenzene (Surr)	150	<u> </u>	70 130				00/28/21 00:54	00/28/21 17:01	

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzea	DII Fac
4-Bromofluorobenzene (Surr)	150	X	70 - 130	09/28/21 09:54	09/28/21 17:01	1
1,4-Difluorobenzene (Surr)	81		70 - 130	09/28/21 09:54	09/28/21 17:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.369		0.00200	0.00100	mg/Kg			09/30/21 19:38	1

Analyte	Result Qualifier	RL	MDL	Unit	D	Pre	pared	Analyzed	Dil Fac
Total TPH	425	50.0	15.0	mg/Kg				09/30/21 12:51	1

Eurofins Xenco, Carlsbad

Analyzed

Lab Sample ID: 890-1303-3

Job ID: 890-1303-1

Client: Talon/LPE Project/Site: Charolais 6" SDG: Lea County

Client Sample ID: B-1

Date Collected: 09/22/21 10:40 Date Received: 09/23/21 13:25

Sample Depth: 12 - 13

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	43.3	J	50.0	15.0	mg/Kg		09/27/21 09:17	09/27/21 19:54	1
Diesel Range Organics (Over C10-C28)	382		50.0	15.0	mg/Kg		09/27/21 09:17	09/27/21 19:54	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		09/27/21 09:17	09/27/21 19:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				09/27/21 09:17	09/27/21 19:54	1
o-Terphenyl	104		70 - 130				09/27/21 09:17	09/27/21 19:54	1
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	128		5.04	0.005	mg/Kg			09/27/21 20:57	

Lab Sample ID: 890-1303-4 Client Sample ID: B-1 Matrix: Solid

Date Collected: 09/22/21 10:42 Date Received: 09/23/21 13:25

Sample Depth: 14 - 15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000657	J	0.00198	0.000382	mg/Kg		09/28/21 09:54	09/28/21 18:23	1
Toluene	0.0155		0.00198	0.000452	mg/Kg		09/28/21 09:54	09/28/21 18:23	1
Ethylbenzene	0.0584		0.00198	0.000561	mg/Kg		09/28/21 09:54	09/28/21 18:23	1
m-Xylene & p-Xylene	0.0557		0.00397	0.00100	mg/Kg		09/28/21 09:54	09/28/21 18:23	1
o-Xylene	0.0328		0.00198	0.000341	mg/Kg		09/28/21 09:54	09/28/21 18:23	1
Xylenes, Total	0.0885		0.00397	0.00100	mg/Kg		09/28/21 09:54	09/28/21 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				09/28/21 09:54	09/28/21 18:23	1
1,4-Difluorobenzene (Surr)	82		70 - 130				09/28/21 09:54	09/28/21 18:23	1
- Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.163		0.00200	0.00100	mg/Kg			09/30/21 19:38	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
		- / (- /							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result 202		RL 50.0	MDL 15.0	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 09/30/21 12:51	Dil Fac
Analyte	202	Qualifier				<u>D</u>	Prepared		
Analyte Total TPH	202 ge Organics (D	Qualifier			mg/Kg	<u>D</u>	Prepared Prepared		
Analyte Total TPH Method: 8015B NM - Diesel Rang	202 ge Organics (D	Qualifier RO) (GC) Qualifier	50.0	15.0	mg/Kg			09/30/21 12:51	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	202 ge Organics (D Result	Qualifier RO) (GC) Qualifier	50.0	15.0 MDL	mg/Kg		Prepared	09/30/21 12:51 Analyzed	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	ge Organics (D Result 30.2	Qualifier RO) (GC) Qualifier J	50.0 RL 49.8	15.0 MDL 14.9 14.9	mg/Kg Unit mg/Kg		Prepared 09/24/21 16:32	09/30/21 12:51 Analyzed 09/26/21 02:27	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	ge Organics (D Result 30.2	Qualifier RO) (GC) Qualifier J	50.0 RL 49.8	15.0 MDL 14.9 14.9	mg/Kg Unit mg/Kg mg/Kg		Prepared 09/24/21 16:32 09/24/21 16:32	09/30/21 12:51 Analyzed 09/26/21 02:27	1
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	202 ge Organics (D Result 30.2 172 <49.8	Qualifier RO) (GC) Qualifier J	50.0 RL 49.8 49.8	15.0 MDL 14.9 14.9	mg/Kg Unit mg/Kg mg/Kg		Prepared 09/24/21 16:32 09/24/21 16:32	09/30/21 12:51 Analyzed 09/26/21 02:27 09/26/21 02:27	1 Dil Fac

Job ID: 890-1303-1

Client: Talon/LPE Project/Site: Charolais 6"

SDG: Lea County

Client Sample ID: B-1

Lab Sample ID: 890-1303-4

Matrix: Solid

Date Collected: 09/22/21 10:42 Date Received: 09/23/21 13:25 Sample Depth: 14 - 15

Method: 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	198		5.01	0.860	mg/Kg			09/27/21 21:03	1

Client Sample ID: B-1 Lab Sample ID: 890-1303-5 **Matrix: Solid**

Date Collected: 09/22/21 10:55 Date Received: 09/23/21 13:25

Sample Depth: 16 - 17

Analyte

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00422		0.00199	0.000383	mg/Kg		09/28/21 09:54	09/28/21 18:44	1
Toluene	0.0124		0.00199	0.000454	mg/Kg		09/28/21 09:54	09/28/21 18:44	1
Ethylbenzene	0.0128		0.00199	0.000563	mg/Kg		09/28/21 09:54	09/28/21 18:44	1
m-Xylene & p-Xylene	0.0116		0.00398	0.00101	mg/Kg		09/28/21 09:54	09/28/21 18:44	1
o-Xylene	0.00811		0.00199	0.000343	mg/Kg		09/28/21 09:54	09/28/21 18:44	1
Xylenes, Total	0.0197		0.00398	0.00101	mg/Kg		09/28/21 09:54	09/28/21 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				09/28/21 09:54	09/28/21 18:44	1
1,4-Difluorobenzene (Surr)	80		70 - 130				09/28/21 09:54	09/28/21 18:44	1

Total BTEX	0.0491		0.00200	0.00100	mg/Kg			09/30/21 19:38	1
 Method: 8015 NM - Diesel Range Org	ganics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	19.6	J	50.0	15.0	mg/Kg			09/30/21 12:51	1
– Method: 8015B NM - Diesel Range O	rganics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

MDL Unit

Prepared

Analyzed

7					•	_		,u., _ u	
Gasoline Range Organics	<50.0	U	50.0	15.0	mg/Kg		09/24/21 16:32	09/26/21 02:48	1
(GRO)-C6-C10									
Diesel Range Organics (Over	19.6	J	50.0	15.0	mg/Kg		09/24/21 16:32	09/26/21 02:48	1
C10-C28)									
OII Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		09/24/21 16:32	09/26/21 02:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				09/24/21 16:32	09/26/21 02:48	1
o-Terphenyl	132	X	70 - 130				09/24/21 16:32	09/26/21 02:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	109		4.98	0.855	mg/Kg			09/27/21 21:22	1

Eurofins Xenco, Carlsbad

9/30/2021

Lab Sample ID: 890-1303-6

Job ID: 890-1303-1

Client: Talon/LPE Project/Site: Charolais 6" SDG: Lea County

Client Sample ID: B-1

Date Collected: 09/22/21 11:00 Date Received: 09/23/21 13:25

Sample Depth: 18

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00118	J	0.00199	0.000383	mg/Kg		09/28/21 09:54	09/28/21 19:04	1
Toluene	0.00551		0.00199	0.000454	mg/Kg		09/28/21 09:54	09/28/21 19:04	1
Ethylbenzene	0.00558		0.00199	0.000563	mg/Kg		09/28/21 09:54	09/28/21 19:04	1
m-Xylene & p-Xylene	0.00557		0.00398	0.00101	mg/Kg		09/28/21 09:54	09/28/21 19:04	1
o-Xylene	0.00450		0.00199	0.000343	mg/Kg		09/28/21 09:54	09/28/21 19:04	1
Xylenes, Total	0.0101		0.00398	0.00101	mg/Kg		09/28/21 09:54	09/28/21 19:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	X	70 - 130				09/28/21 09:54	09/28/21 19:04	1
1,4-Difluorobenzene (Surr)	77		70 - 130				09/28/21 09:54	09/28/21 19:04	1
Method: Total BTEX - Total BTEX	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0223		0.00200	0.00100	mg/Kg			09/30/21 19:38	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	15.0	mg/Kg			09/30/21 12:51	1
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	
Gasoline Range Organics	.10.0				ma/Ka				Dil Fac
(GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		09/24/21 16:32	09/26/21 03:30	
5 5	<49.9 <49.9		49.9 49.9	15.0 15.0	mg/Kg		09/24/21 16:32 09/24/21 16:32	09/26/21 03:30 09/26/21 03:30	1
(GRO)-C6-C10 Diesel Range Organics (Over		U		15.0					1
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.9	U U	49.9	15.0	mg/Kg		09/24/21 16:32	09/26/21 03:30	1
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<49.9 <49.9	U U	49.9 49.9	15.0	mg/Kg		09/24/21 16:32 09/24/21 16:32	09/26/21 03:30 09/26/21 03:30	1 1 1 Dil Fac
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	<49.9 <49.9 %Recovery	U U	49.9 49.9 <i>Limits</i>	15.0	mg/Kg		09/24/21 16:32 09/24/21 16:32 Prepared	09/26/21 03:30 09/26/21 03:30 Analyzed	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<49.9 <49.9 	U U Qualifier	49.9 49.9 <u>Limits</u> 70 - 130	15.0	mg/Kg		09/24/21 16:32 09/24/21 16:32 Prepared 09/24/21 16:32	09/26/21 03:30 09/26/21 03:30 Analyzed 09/26/21 03:30	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<49.9 <49.9 **Recovery 113 126 omatography -	U U Qualifier	49.9 49.9 <u>Limits</u> 70 - 130	15.0	mg/Kg mg/Kg	D	09/24/21 16:32 09/24/21 16:32 Prepared 09/24/21 16:32	09/26/21 03:30 09/26/21 03:30 Analyzed 09/26/21 03:30	Dil Face Dil Face Dil Face Dil Face

Client Sample ID: B-1

Date Collected: 09/22/21 11:20

Date Received: 09/23/21 13:25 Sample Depth: 21 - 22

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00212		0.00199	0.000383	mg/Kg		09/28/21 09:54	09/28/21 19:25	1
Toluene	0.00509		0.00199	0.000454	mg/Kg		09/28/21 09:54	09/28/21 19:25	1
Ethylbenzene	0.00335		0.00199	0.000563	mg/Kg		09/28/21 09:54	09/28/21 19:25	1
m-Xylene & p-Xylene	0.00346	J	0.00398	0.00101	mg/Kg		09/28/21 09:54	09/28/21 19:25	1
o-Xylene	0.00296		0.00199	0.000343	mg/Kg		09/28/21 09:54	09/28/21 19:25	1
Xylenes, Total	0.00642		0.00398	0.00101	mg/Kg		09/28/21 09:54	09/28/21 19:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				09/28/21 09:54	09/28/21 19:25	1

Eurofins Xenco, Carlsbad

Lab Sample ID: 890-1303-7

Matrix: Solid

Lab Sample ID: 890-1303-7

Job ID: 890-1303-1

Client: Talon/LPE Project/Site: Charolais 6" SDG: Lea County

Client Sample ID: B-1

Date Collected: 09/22/21 11:20 Date Received: 09/23/21 13:25

Sample Depth: 21 - 22

Method: 8021B - Volatile Organic Compound	s (GC) (Continued)
---	--------------------

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	80	70 - 130	09/28/21 09:54	09/28/21 19:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0170	0.00200	0.00100 mg/Kg			09/30/21 19:38	1

Method: 8015 NM	- Diesel Range	Organice	(DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	15.0	mg/Kg			09/30/21 12:51	1

Method: 8015B	NM - Diesel	Range Oro	anice (DRO)	(GC)
Methou. ou 136	MINI - DIESEI	Range Org	jailius (DRU)	GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		09/24/21 16:32	09/26/21 03:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		09/24/21 16:32	09/26/21 03:51	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		09/24/21 16:32	09/26/21 03:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110	70 - 130	09/24/21 16:32	09/26/21 03:51	1
o-Terphenyl	123	70 - 130	09/24/21 16:32	09/26/21 03:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Α	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C	Chloride	26.7		4.95	0.850	mg/Kg			09/27/21 21:34	1

Client Sample ID: B-1 Lab Sample ID: 890-1303-8 **Matrix: Solid**

Date Collected: 09/22/21 11:30 Date Received: 09/23/21 13:25

Sample Depth: 25 - 26

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	0.000389	mg/Kg		09/28/21 09:54	09/28/21 19:45	1
Toluene	0.000939	J	0.00202	0.000461	mg/Kg		09/28/21 09:54	09/28/21 19:45	1
Ethylbenzene	<0.00202	U	0.00202	0.000571	mg/Kg		09/28/21 09:54	09/28/21 19:45	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	0.00102	mg/Kg		09/28/21 09:54	09/28/21 19:45	1
o-Xylene	<0.00202	U	0.00202	0.000347	mg/Kg		09/28/21 09:54	09/28/21 19:45	1
Xylenes, Total	<0.00404	U	0.00404	0.00102	mg/Kg		09/28/21 09:54	09/28/21 19:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	X	70 _ 130				09/28/21 09:54	09/28/21 19:45	1
1,4-Difluorobenzene (Surr)	79		70 - 130				09/28/21 09:54	09/28/21 19:45	1

Mothod:	Total RTEY	- Total RTFY	Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.00100	mg/Kg			09/30/21 19:38	1

Method: 8015 NM - Diesel	Range Organics	(DRO)	(GC)	١
Mictilioa. 00 10 Min - Diesei	Range Organics	(Divo)	(\mathbf{c})	ı.

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15.7	J	50.0	15.0	mg/Kg			09/30/21 12:51	1

Lab Sample ID: 890-1303-8

Job ID: 890-1303-1

Client: Talon/LPE Project/Site: Charolais 6" SDG: Lea County

Client Sample ID: B-1

Date Collected: 09/22/21 11:30 Date Received: 09/23/21 13:25

Sample Depth: 25 - 26

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15.7	J	49.9	15.0	mg/Kg		09/24/21 16:32	09/26/21 04:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		09/24/21 16:32	09/26/21 04:12	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		09/24/21 16:32	09/26/21 04:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				09/24/21 16:32	09/26/21 04:12	1
o-Terphenyl	120		70 - 130				09/24/21 16:32	09/26/21 04:12	1
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
•									

Client Sample ID: B-2 Lab Sample ID: 890-1303-9 Date Collected: 09/22/21 13:15 Matrix: Solid

Date Received: 09/23/21 13:25

Sample Depth: 8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.157		0.00199	0.000383	mg/Kg		09/28/21 09:54	09/28/21 20:06	1
Toluene	1.32		0.200	0.0456	mg/Kg		09/29/21 09:00	09/29/21 19:47	100
Ethylbenzene	2.56		0.200	0.0565	mg/Kg		09/29/21 09:00	09/29/21 19:47	100
m-Xylene & p-Xylene	1.99		0.400	0.101	mg/Kg		09/29/21 09:00	09/29/21 19:47	100
o-Xylene	0.931		0.200	0.0344	mg/Kg		09/29/21 09:00	09/29/21 19:47	100
Xylenes, Total	2.92		0.400	0.101	mg/Kg		09/29/21 09:00	09/29/21 19:47	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	351	X	70 - 130				09/28/21 09:54	09/28/21 20:06	1
1,4-Difluorobenzene (Surr)	99		70 - 130				09/28/21 09:54	09/28/21 20:06	1
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	6.96		0.00200	0.00100	mg/Kg			09/30/21 19:38	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	364		50.0	15.0	mg/Kg			09/30/21 12:51	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	86.3		49.8	14.9	mg/Kg		09/24/21 16:32	09/26/21 04:33	1
Diesel Range Organics (Over C10-C28)	278		49.8	14.9	mg/Kg		09/24/21 16:32	09/26/21 04:33	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8	14.9	mg/Kg		09/24/21 16:32	09/26/21 04:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				09/24/21 16:32	09/26/21 04:33	1

Job ID: 890-1303-1

Client: Talon/LPE
Project/Site: Charolais 6"

SDG: Lea County

Lab Sample ID: 890-1303-9

Client Sample ID: B-2
Date Collected: 09/22/21 13:15

Matrix: Solid

Date Received: 09/23/21 13:25 Sample Depth: 8

Method: 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	66.9		4.98	0.855	mg/Kg			09/27/21 21:46	1

Client Sample ID: B-2 Lab Sample ID: 890-1303-10

Date Collected: 09/22/21 13:25 Matrix: Solid

Date Received: 09/23/21 13:25

Sample Depth: 10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	0.00407		0.00200	0.000386	mg/Kg		09/28/21 09:54	09/28/21 20:26	
Toluene	0.0496		0.00200	0.000457	mg/Kg		09/28/21 09:54	09/28/21 20:26	
Ethylbenzene	0.159		0.00200	0.000566	mg/Kg		09/28/21 09:54	09/28/21 20:26	
m-Xylene & p-Xylene	0.133		0.00401	0.00101	mg/Kg		09/28/21 09:54	09/28/21 20:26	
o-Xylene	0.0852		0.00200	0.000345	mg/Kg		09/28/21 09:54	09/28/21 20:26	
Xylenes, Total	0.218		0.00401	0.00101	mg/Kg		09/28/21 09:54	09/28/21 20:26	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	163	X	70 - 130				09/28/21 09:54	09/28/21 20:26	
1,4-Difluorobenzene (Surr)	86		70 - 130				09/28/21 09:54	09/28/21 20:26	
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	0.431		0.00200	0.00100	mg/Kg			09/30/21 19:38	•
Method: 8015 NM - Diesel Range Analyte	•	O) (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	280		50.0	15.0	mg/Kg			09/30/21 12:51	
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	38.5	J	50.0	15.0	mg/Kg		09/24/21 16:32	09/26/21 04:54	
Diesel Range Organics (Over C10-C28)	241		50.0	15.0	mg/Kg		09/24/21 16:32	09/26/21 04:54	
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		09/24/21 16:32	09/26/21 04:54	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	111		70 - 130				09/24/21 16:32	09/26/21 04:54	
	122		70 - 130				09/24/21 16:32	09/26/21 04:54	
o-Terphenyl									
o-Terphenyl : Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
, ,	•	Soluble Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Lab Sample ID: 890-1303-11

Client: Talon/LPE

Job ID: 890-1303-1

Project/Site: Charolais 6"

SDG: Lea County

Client Sample ID: B-2

Date Collected: 09/22/21 13:30 Date Received: 09/23/21 13:25

Sample Depth: 12 - 13

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000966	J	0.00200	0.000384	mg/Kg		09/28/21 09:54	09/28/21 20:47	1
Toluene	0.00724		0.00200	0.000455	mg/Kg		09/28/21 09:54	09/28/21 20:47	1
Ethylbenzene	0.00538		0.00200	0.000564	mg/Kg		09/28/21 09:54	09/28/21 20:47	1
m-Xylene & p-Xylene	0.00510		0.00399	0.00101	mg/Kg		09/28/21 09:54	09/28/21 20:47	1
o-Xylene	0.00277		0.00200	0.000343	mg/Kg		09/28/21 09:54	09/28/21 20:47	1
Xylenes, Total	0.00787		0.00399	0.00101	mg/Kg		09/28/21 09:54	09/28/21 20:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	X	70 - 130				09/28/21 09:54	09/28/21 20:47	1
1,4-Difluorobenzene (Surr)	82		70 - 130				09/28/21 09:54	09/28/21 20:47	1
Method: Total BTEX - Total BTEX	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0215		0.00200	0.00100	mg/Kg			09/30/21 19:38	1
Analyte Total TPH	Result 24.4	Qualifier J	RL 50.0	MDL 15.0	mg/Kg	D	Prepared	Analyzed 09/30/21 12:51	Dil Fa
Total TPH	24.4	J	50.0	15.0	mg/Kg			09/30/21 12:51	1
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	15.0	mg/Kg		09/24/21 16:32	09/26/21 05:16	1
Diesel Range Organics (Over C10-C28)	24.4	J	50.0	15.0	mg/Kg		09/24/21 16:32	09/26/21 05:16	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		09/24/21 16:32	09/26/21 05:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				09/24/21 16:32	09/26/21 05:16	1
o-Terphenyl	121		70 - 130				09/24/21 16:32	09/26/21 05:16	1
		Colubia							
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Method: 300.0 - Anions, Ion Chro		Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac

Client Sample ID: B-2

Date Collected: 09/22/21 13:35 Date Received: 09/23/21 13:25

Date Received. 03/23/21 13.20

Sample Depth: 14 - 15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0996		0.00198	0.000381	mg/Kg		09/28/21 09:54	09/28/21 21:07	1
Toluene	1.82		0.201	0.0459	mg/Kg		09/29/21 09:00	09/29/21 20:07	100
Ethylbenzene	4.18		0.201	0.0568	mg/Kg		09/29/21 09:00	09/29/21 20:07	100
m-Xylene & p-Xylene	3.14		0.402	0.102	mg/Kg		09/29/21 09:00	09/29/21 20:07	100
o-Xylene	1.63		0.201	0.0346	mg/Kg		09/29/21 09:00	09/29/21 20:07	100
Xylenes, Total	4.77		0.402	0.102	mg/Kg		09/29/21 09:00	09/29/21 20:07	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	520	X	70 - 130				09/28/21 09:54	09/28/21 21:07	

Eurofins Xenco, Carlsbad

Lab Sample ID: 890-1303-12

Matrix: Solid

Lab Sample ID: 890-1303-12

Client: Talon/LPE

Job ID: 890-1303-1

Project/Site: Charolais 6"

SDG: Lea County

Client Sample ID: B-2

Date Collected: 09/22/21 13:35 Date Received: 09/23/21 13:25

Sample Depth: 14 - 15

Method: 8021B - Volatile Or	ganic Compounds	(GC) (Continued)
Michigal COLID Volume Of	gaine compounds	(GG) (GG) (GG)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	110		70 - 130	09/28/21 09:54	09/28/21 21:07	1

Method: Total E	BTEX - Total	BTEX C	alculation
Mictiliou. Total L	JIEA - IOLUI	DILA	aiculation

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.9	0.00200	0.00100 mg/Kg			09/30/21 19:38	1

Method: 8015 NM - Diesel	Pango Organico		(CC)
WELLIOU. OU 13 INW - DIESEI	Range Organics	(UNU)	1001

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1160	50.0	15.0 mg/Kg			09/30/21 12:51	1

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	237	49.8	14.9	mg/Kg		09/24/21 16:32	09/26/21 05:36	1
Diesel Range Organics (Over C10-C28)	918	49.8	14.9	mg/Kg		09/24/21 16:32	09/26/21 05:36	1
Oll Range Organics (Over C28-C36)	<49.8 U	49.8	14.9	mg/Kg		09/24/21 16:32	09/26/21 05:36	1
Currente	9/ Pagayamy Ovalities	Limita				Duamanad	Amalumad	Dil Foo

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	09/24/21 16:32	09/26/21 05:36	1
o-Terphenyl	122		70 - 130	09/24/21 16:32	09/26/21 05:36	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	157		4.96	0.851	mg/Kg			09/29/21 21:24	1

Client Sample ID: B-2

Lab Sample ID: 890-1303-13

Date Collected: 09/22/21 13:40

Matrix: Solid

Date Collected: 09/22/21 13:40 Date Received: 09/23/21 13:25

Sample Depth: 16 - 17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0441		0.00199	0.000383	mg/Kg		09/28/21 09:54	09/28/21 21:28	1
Toluene	1.69		0.201	0.0458	mg/Kg		09/29/21 09:00	09/29/21 20:28	100
Ethylbenzene	3.99		0.201	0.0567	mg/Kg		09/29/21 09:00	09/29/21 20:28	100
m-Xylene & p-Xylene	3.19		0.402	0.101	mg/Kg		09/29/21 09:00	09/29/21 20:28	100
o-Xylene	1.87		0.201	0.0345	mg/Kg		09/29/21 09:00	09/29/21 20:28	100
Xylenes, Total	5.06		0.402	0.101	mg/Kg		09/29/21 09:00	09/29/21 20:28	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	607	X	70 - 130				09/28/21 09:54	09/28/21 21:28	1
1 4-Difluorobenzene (Surr)	79		70 130				09/28/21 09:54	09/28/21 21:28	1

Method:	Total	RTFX.	. Total	RTFX	Calculation

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.8	0.00200	0.00100 mg/Kg			09/30/21 19:38	1

Method: 8015 NM - Dies	el Range Organics (DRO)	(GC)

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	898	50.0	15.0 mg/Kg			09/30/21 12:51	1

Eurofins Xenco, Carlsbad

3

4

7

10

Lab Sample ID: 890-1303-13

Lab Sample ID: 890-1303-14

Matrix: Solid

Job ID: 890-1303-1 Project/Site: Charolais 6" SDG: Lea County

Client Sample ID: B-2

Date Collected: 09/22/21 13:40 Date Received: 09/23/21 13:25

Sample Depth: 16 - 17

Client: Talon/LPE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	146		50.0	15.0	mg/Kg		09/24/21 16:32	09/26/21 05:57	1
Diesel Range Organics (Over C10-C28)	752		50.0	15.0	mg/Kg		09/24/21 16:32	09/26/21 05:57	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		09/24/21 16:32	09/26/21 05:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				09/24/21 16:32	09/26/21 05:57	1
o-Terphenyl	120		70 ₋ 130				09/24/21 16:32	09/26/21 05:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	58.0		4.95	0.850	mg/Kg			09/29/21 21:30	1

Client Sample ID: B-2

Date Collected: 09/22/21 13:45

Date Received: 09/23/21 13:25

Sample Depth: 18

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	0.000381	mg/Kg		09/28/21 10:09	09/29/21 00:51	1
Toluene	<0.00198	U	0.00198	0.000451	mg/Kg		09/28/21 10:09	09/29/21 00:51	1
Ethylbenzene	<0.00198	U	0.00198	0.000559	mg/Kg		09/28/21 10:09	09/29/21 00:51	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	0.00100	mg/Kg		09/28/21 10:09	09/29/21 00:51	1
o-Xylene	0.00193	J	0.00198	0.000341	mg/Kg		09/28/21 10:09	09/29/21 00:51	1
Xylenes, Total	0.00193	J	0.00396	0.00100	mg/Kg		09/28/21 10:09	09/29/21 00:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130				09/28/21 10:09	09/29/21 00:51	1
1,4-Difluorobenzene (Surr)	125		70 - 130				09/28/21 10:09	09/29/21 00:51	1
Analyte Total BTEX	0.00193	Qualifier J	0.00200	MDL 0.00100	mg/Kg	D	Prepared	Analyzed 09/30/21 19:38	
Total BTEX Method: 8015 NM - Diesel Range	0.00193 e Organics (DR	J O) (GC)	0.00200	0.00100	mg/Kg			09/30/21 19:38	1
Total BTEX Method: 8015 NM - Diesel Range Analyte	0.00193 e Organics (DR	J			mg/Kg	<u>D</u>	Prepared		1 Dil Fac
Total BTEX	0.00193 Organics (DR Result 1370 ge Organics (D	J O) (GC) Qualifier	0.00200 RL	0.00100 MDL 15.0	mg/Kg			09/30/21 19:38 Analyzed	Dil Fac
Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range	0.00193 Organics (DR Result 1370 ge Organics (D	J O) (GC) Qualifier RO) (GC)	0.00200 RL 50.0	0.00100 MDL 15.0	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	09/30/21 19:38 Analyzed 09/30/21 12:51	Dil Fac
Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics	0.00193 e Organics (DR Result 1370 ge Organics (D Result	J O) (GC) Qualifier RO) (GC)	0.00200 RL 50.0	0.00100 MDL 15.0 MDL 14.9	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	09/30/21 19:38 Analyzed 09/30/21 12:51 Analyzed	Dil Fac Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	0.00193 e Organics (DR Result 1370 ge Organics (D Result 303	J O) (GC) Qualifier RO) (GC) Qualifier	0.00200 RL 50.0 RL 49.8	0.00100 MDL 15.0 MDL 14.9	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared 09/24/21 16:32	09/30/21 19:38 Analyzed 09/30/21 12:51 Analyzed 09/26/21 06:18	Dil Fac Dil Fac
Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36)	0.00193 e Organics (DR Result 1370 ge Organics (D Result 303	J O) (GC) Qualifier RO) (GC) Qualifier	0.00200 RL 50.0 RL 49.8	0.00100 MDL 15.0 MDL 14.9	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u>D</u>	Prepared Prepared 09/24/21 16:32 09/24/21 16:32	O9/30/21 19:38 Analyzed O9/30/21 12:51 Analyzed O9/26/21 06:18 O9/26/21 06:18	Dil Fac Dil Fac 1 Dil Fac 1
Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	0.00193 e Organics (DR Result 1370 ge Organics (D Result 303 1070 <49.8	J O) (GC) Qualifier RO) (GC) Qualifier	0.00200 RL 50.0 RL 49.8 49.8	0.00100 MDL 15.0 MDL 14.9	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u>D</u>	Prepared 09/24/21 16:32 09/24/21 16:32	09/30/21 19:38 Analyzed 09/30/21 12:51 Analyzed 09/26/21 06:18 09/26/21 06:18	Dil Fac Dil Fac 1

Job ID: 890-1303-1

SDG: Lea County

Matrix: Solid

Lab Sample ID: 890-1303-14

Client Sample ID: B-2

Project/Site: Charolais 6"

Date Collected: 09/22/21 13:45 Date Received: 09/23/21 13:25

Sample Depth: 18

Client: Talon/LPE

Method: 300.0 - Anions, Ion Chromatography - Soluble											
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Chloride	240		5.00	0.858	mg/Kg			09/29/21 21:36	1		

Client Sample ID: B-2

Lab Sample ID: 890-1303-15

Date Collected: 09/22/21 13:50

Matrix: Solid

Date Collected: 09/22/21 13:50 Date Received: 09/23/21 13:25

Sample Depth: 21 - 22

Method: 8021B - Volatile Organic	Compounds (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199	0.000383	mg/Kg		09/28/21 10:09	09/29/21 01:12	
Toluene	<0.00199	U	0.00199	0.000453	mg/Kg		09/28/21 10:09	09/29/21 01:12	
Ethylbenzene	<0.00199	U	0.00199	0.000562	mg/Kg		09/28/21 10:09	09/29/21 01:12	
m-Xylene & p-Xylene	<0.00398	U	0.00398	0.00100	mg/Kg		09/28/21 10:09	09/29/21 01:12	
o-Xylene	<0.00199	U	0.00199	0.000342	mg/Kg		09/28/21 10:09	09/29/21 01:12	
Xylenes, Total	<0.00398	U	0.00398	0.00100	mg/Kg		09/28/21 10:09	09/29/21 01:12	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	120		70 - 130				09/28/21 10:09	09/29/21 01:12	
1,4-Difluorobenzene (Surr)	89		70 - 130				09/28/21 10:09	09/29/21 01:12	
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00200	U	0.00200	0.00100	mg/Kg			09/30/21 19:38	
Method: 8015 NM - Diesel Range Analyte		O) (GC) Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fa
Total TPH	498		50.0	15.0	mg/Kg			09/30/21 12:51	
Method: 8015B NM - Diesel Rang	je Organics (Di	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	92.0		50.0	15.0	mg/Kg		09/24/21 16:32	09/26/21 08:38	
Diesel Range Organics (Over C10-C28)	406		50.0	15.0	mg/Kg		09/24/21 16:32	09/26/21 08:38	
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		09/24/21 16:32	09/26/21 08:38	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	110		70 - 130				09/24/21 16:32	09/26/21 08:38	
o-Terphenyl	129		70 - 130				09/24/21 16:32	09/26/21 08:38	
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa

3

4

6

7

9

11

Lab Sample ID: 890-1303-16

Client Sample Results

Client: Talon/LPE Job ID: 890-1303-1 Project/Site: Charolais 6" SDG: Lea County

Client Sample ID: B-2

Date Collected: 09/22/21 13:55 Date Received: 09/23/21 13:25

Sample Depth: 23 - 24

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000492	J	0.00199	0.000383	mg/Kg		09/28/21 10:09	09/29/21 01:33	1
Toluene	< 0.00199	U	0.00199	0.000454	mg/Kg		09/28/21 10:09	09/29/21 01:33	1
Ethylbenzene	< 0.00199	U	0.00199	0.000563	mg/Kg		09/28/21 10:09	09/29/21 01:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	0.00101	mg/Kg		09/28/21 10:09	09/29/21 01:33	1
o-Xylene	< 0.00199	U	0.00199	0.000343	mg/Kg		09/28/21 10:09	09/29/21 01:33	1
Xylenes, Total	<0.00398	U	0.00398	0.00101	mg/Kg		09/28/21 10:09	09/29/21 01:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				09/28/21 10:09	09/29/21 01:33	1
1,4-Difluorobenzene (Surr)	82		70 - 130				09/28/21 10:09	09/29/21 01:33	1
Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.00100	mg/Kg			09/30/21 19:38	1
Method: 8015 NM - Diesel Range	e Organics (DR	O) (GC)							
Analyte	Result	O) (GC) Qualifier	RL		Unit	D	Prepared	Analyzed	
Analyte			RL 50.0	MDL 15.0	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 09/30/21 12:51	
	Result 99.4	Qualifier				D_	Prepared		
Analyte Total TPH	Result 99.4 ge Organics (Di	Qualifier		15.0		<u>D</u> D	Prepared Prepared		1
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	Result 99.4 ge Organics (Di	Qualifier RO) (GC) Qualifier	50.0	15.0	mg/Kg			09/30/21 12:51	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Range	Result 99.4 ge Organics (Di	Qualifier RO) (GC) Qualifier	50.0	15.0 MDL 14.9	mg/Kg		Prepared	09/30/21 12:51 Analyzed	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 99.4 ge Organics (Digentification Result 20.5	Qualifier RO) (GC) Qualifier J	50.0 RL 49.8	15.0 MDL 14.9 14.9	mg/Kg Unit mg/Kg		Prepared 09/24/21 15:44	09/30/21 12:51 Analyzed 09/26/21 06:18	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 99.4	Qualifier RO) (GC) Qualifier J	50.0 RL 49.8	15.0 MDL 14.9 14.9	mg/Kg Unit mg/Kg mg/Kg		Prepared 09/24/21 15:44 09/24/21 15:44	09/30/21 12:51 Analyzed 09/26/21 06:18 09/26/21 06:18	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 99.4 ge Organics (Di Result 20.5 78.9 <49.8	Qualifier RO) (GC) Qualifier J	50.0 RL 49.8 49.8 49.8	15.0 MDL 14.9 14.9	mg/Kg Unit mg/Kg mg/Kg		Prepared 09/24/21 15:44 09/24/21 15:44	09/30/21 12:51 Analyzed 09/26/21 06:18 09/26/21 06:18	Dil Face 1 1 1 Dil Face
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result 99.4	Qualifier RO) (GC) Qualifier J U Qualifier	50.0 RL 49.8 49.8 49.8 <i>Limits</i>	15.0 MDL 14.9 14.9	mg/Kg Unit mg/Kg mg/Kg		Prepared 09/24/21 15:44 09/24/21 15:44 09/24/21 15:44 Prepared	09/30/21 12:51 Analyzed 09/26/21 06:18 09/26/21 06:18 09/26/21 06:18 Analyzed	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 99.4 ge Organics (D) Result 20.5 78.9 <49.8 %Recovery 116 132	Qualifier RO) (GC) Qualifier J U Qualifier X	FL 49.8 49.8 49.8 Limits 70 - 130	15.0 MDL 14.9 14.9	mg/Kg Unit mg/Kg mg/Kg		Prepared 09/24/21 15:44 09/24/21 15:44 09/24/21 15:44 Prepared 09/24/21 15:44	09/30/21 12:51 Analyzed 09/26/21 06:18 09/26/21 06:18 Analyzed 09/26/21 06:18	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result 99.4	Qualifier RO) (GC) Qualifier J U Qualifier X	FL 49.8 49.8 49.8 Limits 70 - 130	15.0 MDL 14.9 14.9	mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 09/24/21 15:44 09/24/21 15:44 09/24/21 15:44 Prepared 09/24/21 15:44	09/30/21 12:51 Analyzed 09/26/21 06:18 09/26/21 06:18 Analyzed 09/26/21 06:18	Dil Fac Dil Fac 1 Dil Fac 1 Dil Fac 1 Dil Fac Dil Fac

Client Sample ID: B-2

Date Collected: 09/22/21 14:05

Date Received: 09/23/21 13:25 Sample Depth: 26

Method: 8021B - Volatile Organ	ic Compounds ((GC)							511.5
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	0.000383	mg/Kg		09/28/21 10:09	09/29/21 01:54	1
Toluene	0.000460	J	0.00199	0.000454	mg/Kg		09/28/21 10:09	09/29/21 01:54	1
Ethylbenzene	<0.00199	U	0.00199	0.000563	mg/Kg		09/28/21 10:09	09/29/21 01:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	0.00101	mg/Kg		09/28/21 10:09	09/29/21 01:54	1
o-Xylene	<0.00199	U	0.00199	0.000343	mg/Kg		09/28/21 10:09	09/29/21 01:54	1
Xylenes, Total	<0.00398	U	0.00398	0.00101	mg/Kg		09/28/21 10:09	09/29/21 01:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				09/28/21 10:09	09/29/21 01:54	1

Eurofins Xenco, Carlsbad

Lab Sample ID: 890-1303-17

Matrix: Solid

Lab Sample ID: 890-1303-17

Client Sample Results

Client: Talon/LPE Job ID: 890-1303-1 Project/Site: Charolais 6" SDG: Lea County

Client Sample ID: B-2

Date Collected: 09/22/21 14:05 Date Received: 09/23/21 13:25

Analyte

Chloride

	ic Compounds (GC) (Contir	nued)						
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	96		70 - 130				09/28/21 10:09	09/29/21 01:54	1
Method: Total BTEX - Total BTE	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.00100	mg/Kg			09/30/21 19:38	1
Method: 8015 NM - Diesel Rang	e Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1830		50.0	15.0	mg/Kg			09/30/21 12:51	1
Method: 8015B NM - Diesel Rar	nge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allaly le							09/24/21 15:44	09/26/21 08:38	
Gasoline Range Organics	469		50.0	15.0	mg/Kg		09/24/21 15.44	09/20/21 06.36	1
Gasoline Range Organics (GRO)-C6-C10	469		50.0		mg/Kg mg/Kg		09/24/21 15:44	09/26/21 08:38	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over									1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over				15.0					1 1 1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over	1210		50.0	15.0	mg/Kg		09/24/21 15:44	09/26/21 08:38	1 1 1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	1210	Qualifier	50.0	15.0	mg/Kg		09/24/21 15:44	09/26/21 08:38	1 1 1 <i>Dil Fac</i>
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	1210 155		50.0	15.0	mg/Kg		09/24/21 15:44 09/24/21 15:44	09/26/21 08:38 09/26/21 08:38	1 1 1 1 Dil Fac

RL

4.96

MDL Unit

0.851 mg/Kg

Eurofins Xenco, Carlsbad

Analyzed

09/29/21 21:53

Prepared

Dil Fac

Method: 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

Surrogate Summary

Client: Talon/LPE Job ID: 890-1303-1 Project/Site: Charolais 6" SDG: Lea County

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-6451-A-1-D MS	Matrix Spike	100	107	
880-6451-A-1-E MSD	Matrix Spike Duplicate	106	65 X	
880-6476-A-21-D MS	Matrix Spike	120	78	
880-6476-A-21-E MSD	Matrix Spike Duplicate	129	75	
890-1300-A-1-D MS	Matrix Spike	120	83	
890-1300-A-1-E MSD	Matrix Spike Duplicate	127	73	
890-1303-1	B-1	445 X	98	
890-1303-2	B-1	260 X	79	
390-1303-3	B-1	150 X	81	
890-1303-4	B-1	119	82	
890-1303-5	B-1	127	80	
890-1303-6	B-1	139 X	77	
890-1303-7	B-1	127	80	
890-1303-8	B-1	133 X	79	
890-1303-9	B-2	351 X	99	
890-1303-10	B-2	163 X	86	
890-1303-11	B-2	137 X	82	
890-1303-12	B-2	520 X	110	
890-1303-13	B-2	607 X	79	
890-1303-14	B-2	76	125	
890-1303-14 MS	B-2	89	95	
890-1303-14 MSD	B-2	339 X	80	
890-1303-15	B-2	120	89	
890-1303-16	B-2	94	82	
890-1303-17	B-2	87	96	
LCS 880-8507/1-A	Lab Control Sample	92	107	
LCS 880-8515/1-A	Lab Control Sample	117	84	
LCS 880-8516/1-A	Lab Control Sample	119	78	
LCS 880-8517/1-A	Lab Control Sample	88	86	
LCSD 880-8507/2-A	Lab Control Sample Dup	84	95	
LCSD 880-8515/2-A	Lab Control Sample Dup	115	74	
LCSD 880-8516/2-A	Lab Control Sample Dup	119	77	
LCSD 880-8517/2-A	Lab Control Sample Dup	100	89	
MB 880-8465/5-A	Method Blank	105	101	
MB 880-8507/5-A	Method Blank	107	106	
MB 880-8515/5-A	Method Blank	101	80	
MB 880-8517/5-A	Method Blank	128	116	

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid		Prep Type: Total/NA
		Danaget Company Danager (Acceptance Limite)

			Percent Surrogate Reco	ecovery (Acceptance Limits)				
		BFB1	DFBZ1					
Lab Sample ID 890-1315-A-1-B MSD	Client Sample ID Matrix Spike Duplicate							
Surrogate Legend								

Surrogate Summary

Client: Talon/LPE Project/Site: Charolais 6"

BFB = 4-Bromofluorobenzene (Surr) DFBZ = 1,4-Difluorobenzene (Surr)

Job ID: 890-1303-1

SDG: Lea County

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1001	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-6278-A-54-E MS	Matrix Spike	97	92	
880-6278-A-54-F MSD	Matrix Spike Duplicate	104	91	
880-6453-A-1-C MS	Matrix Spike	136 X	140 X	
880-6453-A-1-D MSD	Matrix Spike Duplicate	129	129	
880-6468-A-1-B MS	Matrix Spike	124	112	
880-6468-A-1-C MSD	Matrix Spike Duplicate	113	100	
890-1299-A-1-C MS	Matrix Spike	102	102	
890-1299-A-1-D MSD	Matrix Spike Duplicate	102	102	
390-1303-1	B-1	135 X	117	
390-1303-2	B-1	135 X	130	
890-1303-3	B-1	101	104	
390-1303-4	B-1	114	125	
390-1303-5	B-1	118	132 X	
390-1303-6	B-1	113	126	
390-1303-7	B-1	110	123	
390-1303-8	B-1	107	120	
390-1303-9	B-2	110	123	
890-1303-10	B-2	111	122	
390-1303-11	B-2	111	121	
890-1303-12	B-2	119	122	
390-1303-13	B-2	117	120	
390-1303-14	B-2	114	117	
390-1303-15	B-2	110	129	
390-1303-16	B-2	116	132 X	
390-1303-17	B-2	133 X	132 X	
LCS 880-8388/2-A	Lab Control Sample	110	113	
_CS 880-8396/2-A	Lab Control Sample	103	103	
LCS 880-8435/2-A	Lab Control Sample	122	116	
LCS 880-8436/2-A	Lab Control Sample	136 X	136 X	
LCSD 880-8388/3-A	Lab Control Sample Dup	107	107	
_CSD 880-8396/3-A	Lab Control Sample Dup	101	103	
_CSD 880-8435/3-A	Lab Control Sample Dup	120	118	
_CSD 880-8436/3-A	Lab Control Sample Dup	128	127	
MB 880-8388/1-A	Method Blank	112	133 X	
MB 880-8396/1-A	Method Blank Method Blank	99	110	
MB 880-8435/1-A	Method Blank Method Blank	123	137 X	
MB 880-8436/1-A	Method Blank	113	128	
Surrogate Legend				

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Job ID: 890-1303-1 Client: Talon/LPE Project/Site: Charolais 6" SDG: Lea County

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-8465/5-A

Matrix: Solid

Analysis Batch: 8502

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 8465

MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000385	mg/Kg		09/27/21 13:58	09/28/21 13:24	1
Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		09/27/21 13:58	09/28/21 13:24	1
Ethylbenzene	<0.00200	U	0.00200	0.000565	mg/Kg		09/27/21 13:58	09/28/21 13:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		09/27/21 13:58	09/28/21 13:24	1
o-Xylene	<0.00200	U	0.00200	0.000344	mg/Kg		09/27/21 13:58	09/28/21 13:24	1
Xylenes, Total	<0.00400	U	0.00400	0.00101	mg/Kg		09/27/21 13:58	09/28/21 13:24	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	09/27/21 13:58	09/28/21 13:24	1
1,4-Difluorobenzene (Surr)	101		70 - 130	09/27/21 13:58	09/28/21 13:24	1

Lab Sample ID: 890-1300-A-1-D MS

Matrix: Solid

Analysis Batch: 8506

Client Sample ID: Matrix Spike Prep Type: Total/NA

Prep Batch: 8504

Sample Sample Spike MS MS %Rec. Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Benzene <0.00199 U 0.101 0.07651 mg/Kg 76 70 - 130 Toluene <0.00199 U 0.101 0.07874 mg/Kg 78 70 - 130 0.000604 J 77 Ethylbenzene 0.101 0.07850 mg/Kg 70 - 130 <0.00398 U 0.202 0.1653 70 - 130 m-Xylene & p-Xylene mg/Kg 82 0.000431 J 0.101 0.08282 70 - 130 o-Xylene mg/Kg

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	83		70 - 130

Lab Sample ID: 890-1300-A-1-E MSD

Matrix: Solid

Analysis Batch: 8506

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 8504

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00199	U	0.100	0.07613		mg/Kg		76	70 - 130	0	35	
Toluene	<0.00199	U	0.100	0.08029		mg/Kg		80	70 - 130	2	35	
Ethylbenzene	0.000604	J	0.100	0.08253		mg/Kg		82	70 - 130	5	35	
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1723		mg/Kg		86	70 - 130	4	35	
o-Xylene	0.000431	J	0.100	0.08686		mg/Kg		86	70 - 130	5	35	

MSD MSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	127	70 - 130
1 4-Difluorobenzene (Surr)	73	70 130

Lab Sample ID: MB 880-8507/5-A

Matrix: Solid

Analysis Batch: 8502

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 8507

	IND	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000385	mg/Kg		09/28/21 10:09	09/29/21 00:29	1
Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		09/28/21 10:09	09/29/21 00:29	1

Eurofins Xenco, Carlsbad

Page 21 of 56

Client: Talon/LPE

Job ID: 890-1303-1

Project/Site: Charolais 6"

SDG: Lea County

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-8507/5-A

Matrix: Solid

Analysis Batch: 8502

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 8507

ı										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Ethylbenzene	<0.00200	U	0.00200	0.000565	mg/Kg		09/28/21 10:09	09/29/21 00:29	1
	m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		09/28/21 10:09	09/29/21 00:29	1
	o-Xylene	<0.00200	U	0.00200	0.000344	mg/Kg		09/28/21 10:09	09/29/21 00:29	1
	Xylenes, Total	<0.00400	U	0.00400	0.00101	mg/Kg		09/28/21 10:09	09/29/21 00:29	1

MB MB

мв мв

s	urrogate	%Recovery	Qualifier	Limits	Pre	epared	Analyzed	Dil Fac
4	-Bromofluorobenzene (Surr)	107		70 - 130	09/28	2/21 10:09	09/29/21 00:29	1
1,	,4-Difluorobenzene (Surr)	106		70 - 130	09/28	/21 10:09	09/29/21 00:29	1

Lab Sample ID: LCS 880-8507/1-A

Matrix: Solid

Analysis Batch: 8502

Client Sample ID: Lab Control Sample

Prop Patch: 9507

Prep Batch: 8507

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08247		mg/Kg		82	70 - 130	
Toluene	0.100	0.09425		mg/Kg		94	70 - 130	
Ethylbenzene	0.100	0.09269		mg/Kg		93	70 - 130	
m-Xylene & p-Xylene	0.200	0.1552		mg/Kg		78	70 - 130	
o-Xylene	0.100	0.07395		mg/Kg		74	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	92	70 - 130
1,4-Difluorobenzene (Surr)	107	70 - 130

Lab Sample ID: LCSD 880-8507/2-A

Matrix: Solid

Analysis Batch: 8502

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 8507

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.08892	-	mg/Kg		89	70 - 130	8	35
Toluene	0.100	0.08913		mg/Kg		89	70 - 130	6	35
Ethylbenzene	0.100	0.08011		mg/Kg		80	70 - 130	15	35
m-Xylene & p-Xylene	0.200	0.1484		mg/Kg		74	70 - 130	4	35
o-Xylene	0.100	0.07674		mg/Kg		77	70 - 130	4	35

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	84	70 - 130
1,4-Difluorobenzene (Surr)	95	70 - 130

Lab Sample ID: 890-1303-14 MS

Matrix: Solid

Analysis Batch: 8502

Client Sample ID: B-2
Prep Type: Total/NA
Prep Batch: 8507

7										
	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00198	U	0.0990	0.05358	N1	mg/Kg		54	70 - 130	
Toluene	<0.00198	U	0.0990	0.06526	N1	mg/Kg		66	70 - 130	
Ethylbenzene	<0.00198	U	0.0990	0.06051	N1	mg/Kg		61	70 - 130	
m-Xylene & p-Xylene	<0.00396	U	0.198	0.1099	N1	mg/Kg		56	70 - 130	

Eurofins Xenco, Carlsbad

Page 22 of 56

Job ID: 890-1303-1 SDG: Lea County

Project/Site: Charolais 6" Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-1303-14 MS

Matrix: Solid

Client: Talon/LPE

Analysis Batch: 8502

Client Sample ID: B-2 Prep Type: Total/NA

Prep Batch: 8507

Sample Sample Spike MS MS Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits o-Xylene 0.00193 J 0.0990 0.04999 N1 49 70 - 130 mg/Kg

%Rec.

MS MS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 89 70 - 130 70 - 130 1,4-Difluorobenzene (Surr) 95

Lab Sample ID: 890-1303-14 MSD

Matrix: Solid

Analysis Batch: 8502

Client Sample ID: B-2 Prep Type: Total/NA

Prep Batch: 8507

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00198	U	0.100	<0.00200	U N1	mg/Kg		0	70 - 130	NC	35
Toluene	<0.00198	U	0.100	0.1188	N2	mg/Kg		119	70 - 130	58	35
Ethylbenzene	<0.00198	U	0.100	0.05736	N1	mg/Kg		57	70 - 130	5	35
m-Xylene & p-Xylene	<0.00396	U	0.200	0.07299	N1 N2	mg/Kg		36	70 - 130	40	35
o-Xylene	0.00193	J	0.100	0.06199	N1	mg/Kg		60	70 - 130	21	35

MSD MSD Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 339 X 70 - 130 1,4-Difluorobenzene (Surr) 80 70 - 130

MD MD

Lab Sample ID: MB 880-8515/5-A

Matrix: Solid

Analysis Batch: 8570

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 8515

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000385	mg/Kg		09/29/21 09:00	09/29/21 12:36	1
Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		09/29/21 09:00	09/29/21 12:36	1
Ethylbenzene	<0.00200	U	0.00200	0.000565	mg/Kg		09/29/21 09:00	09/29/21 12:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		09/29/21 09:00	09/29/21 12:36	1
o-Xylene	<0.00200	U	0.00200	0.000344	mg/Kg		09/29/21 09:00	09/29/21 12:36	1
Xvlenes, Total	< 0.00400	U	0.00400	0.00101	ma/Ka		09/29/21 09:00	09/29/21 12:36	1

MB MB Qualifier Dil Fac Surrogate %Recovery Limits Prepared Analyzed 4-Bromofluorobenzene (Surr) 101 70 - 130 09/29/21 09:00 09/29/21 12:36 1,4-Difluorobenzene (Surr) 80 70 - 130 09/29/21 09:00 09/29/21 12:36

Lab Sample ID: LCS 880-8515/1-A

Matrix: Solid

Analysis Batch: 8570

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 8515

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08582		mg/Kg		86	70 - 130	
Toluene	0.100	0.08861		mg/Kg		89	70 - 130	
Ethylbenzene	0.100	0.09518		mg/Kg		95	70 - 130	
m-Xylene & p-Xylene	0.200	0.1968		mg/Kg		98	70 - 130	
o-Xylene	0.100	0.09887		mg/Kg		99	70 - 130	

Job ID: 890-1303-1 Client: Talon/LPE Project/Site: Charolais 6" SDG: Lea County

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-8515/1-A

Matrix: Solid

Analysis Batch: 8570

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 8515

LCS LCS

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 117 70 - 130 1,4-Difluorobenzene (Surr) 84 70 - 130

Lab Sample ID: LCSD 880-8515/2-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 8570

Prep Type: Total/NA

Prep Batch: 8515

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.08722		mg/Kg		87	70 - 130	2	35
Toluene	0.100	0.09218		mg/Kg		92	70 - 130	4	35
Ethylbenzene	0.100	0.09766		mg/Kg		98	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2030		mg/Kg		101	70 - 130	3	35
o-Xylene	0.100	0.1021		mg/Kg		102	70 - 130	3	35

LCSD LCSD

%Recovery Qualifier Surrogate Limits 4-Bromofluorobenzene (Surr) 115 70 - 130 1,4-Difluorobenzene (Surr) 74 70 - 130

Lab Sample ID: 890-1315-A-1-B MSD

Matrix: Solid

Analysis Batch: 8570

Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA

Prep Batch: 8515

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	U	0.100	0.08971		mg/Kg					
Toluene	<0.00199	U	0.100	0.09261		mg/Kg					
Ethylbenzene	0.00423		0.100	0.09722		mg/Kg					
m-Xylene & p-Xylene	0.0102		0.200	0.2041		mg/Kg					
o-Xylene	0.00770		0.100	0.1032		mg/Kg					

MSD MSD

Surrogate %Recovery Qualifier Limits

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

Lab Sample ID: LCS 880-8516/1-A **Client Sample ID: Lab Control Sample**

Matrix: Solid

Analysis Batch: 8570

Released to Imaging: 1/25/2022 9:33:42 AM

Prep Type: Total/NA

Prep Batch: 8516

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08801	-	mg/Kg		88	70 - 130	
Toluene	0.100	0.09347		mg/Kg		93	70 - 130	
Ethylbenzene	0.100	0.09972		mg/Kg		100	70 - 130	
m-Xylene & p-Xylene	0.200	0.2051		mg/Kg		103	70 - 130	
o-Xylene	0.100	0.1047		mg/Kg		105	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	78		70 - 130

Spike

Added

0.100

0.100

0.100

0.200

0.100

Client: Talon/LPE Job ID: 890-1303-1 Project/Site: Charolais 6" SDG: Lea County

mg/Kg

mg/Kg

0.08894

0.09378

0.2071

0.1060

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-8516/2-A

Matrix: Solid

Analyte

Benzene

Toluene

o-Xylene

Ethylbenzene

m-Xylene & p-Xylene

Analysis Batch: 8570

Client Sample ID: Lab Control Sample Dup

70 - 130

70 - 130

Prep Type: Total/NA

Pren Batch: 8516

					Fre	p Batch	. 0010	
LCSD	LCSD				%Rec.		RPD	
Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
0.08894		mg/Kg		89	70 - 130	1	35	
0.09378		mg/Kg		94	70 - 130	0	35	
0.1009		mg/Kg		101	70 - 130	1	35	

104

106

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1.4-Difluorobenzene (Surr)	77		70 - 130

Lab Sample ID: 880-6476-A-21-D MS

Matrix: Solid

Analysis Batch: 8570

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 8516

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U	0.101	0.05945	N1	mg/Kg		59	70 - 130	
Toluene	<0.00199	J	0.101	0.06187	N1	mg/Kg		61	70 - 130	
Ethylbenzene	<0.00199	U	0.101	0.06229	N1	mg/Kg		62	70 - 130	
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1283	N1	mg/Kg		64	70 - 130	
o-Xylene	<0.00199	U	0.101	0.06484	N1	mg/Kg		64	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits		
4-Bromofluorobenzene (Surr)	120		70 - 130		
1 4-Difluorobenzene (Surr)	78		70 - 130		

Lab Sample ID: 880-6476-A-21-E MSD

Matrix: Solid

Analysis Batch: 8570

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 8516

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	U	0.0996	0.02435	N1 N2	mg/Kg		24	70 - 130	84	35
Toluene	<0.00199	J	0.0996	0.02848	N1 N2	mg/Kg		28	70 - 130	74	35
Ethylbenzene	<0.00199	U	0.0996	0.02747	N1 N2	mg/Kg		28	70 - 130	78	35
m-Xylene & p-Xylene	<0.00398	U	0.199	0.05519	N1 N2	mg/Kg		28	70 - 130	80	35
o-Xylene	<0.00199	U	0.0996	0.02897	N1 N2	mg/Kg		29	70 - 130	76	35

MSD MSD

Surrogate	%Recovery Q	ualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	75		70 - 130

Lab Sample ID: MB 880-8517/5-A

Matrix: Solid

Analysis Batch: 8572

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 8517

мв мв

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000385	mg/Kg		09/28/21 13:08	09/29/21 12:40	1
Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		09/28/21 13:08	09/29/21 12:40	1
Ethylbenzene	<0.00200	U	0.00200	0.000565	mg/Kg		09/28/21 13:08	09/29/21 12:40	1

Eurofins Xenco, Carlsbad

Page 25 of 56

Client: Talon/LPE

Job ID: 890-1303-1 SDG: Lea County

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-8517/5-A **Matrix: Solid**

Lab Sample ID: LCS 880-8517/1-A

Analysis Batch: 8572

Project/Site: Charolais 6"

MB N

Client Sample ID: Method Blank

Prep Type: Total/NA

					Prep Ba	tch: 8517
MB						
Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac

Analyte Result <0.00400 U 0.00400 m-Xylene & p-Xylene 0.00101 mg/Kg 09/28/21 13:08 09/29/21 12:40 o-Xylene <0.00200 U 0.00200 0.000344 mg/Kg 09/28/21 13:08 09/29/21 12:40 0.00400 Xylenes, Total <0.00400 U 0.00101 mg/Kg 09/28/21 13:08 09/29/21 12:40

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	09/28/21 13:08	09/29/21 12:40	1
1,4-Difluorobenzene (Surr)	116		70 - 130	09/28/21 13:08	09/29/21 12:40	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 8517

Matrix: Solid Analysis Batch: 8572 Spike LCS LCS %Rec.

Added Result Qualifier Analyte Unit %Rec Limits Benzene 0.100 0.09029 mg/Kg 90 70 - 130 0.08751 Toluene 0.100 mg/Kg 88 70 - 130 Ethylbenzene 0.100 0.08523 mg/Kg 85 70 - 130 0.200 70 - 130 m-Xylene & p-Xylene 0.1641 mg/Kg 82 0.100 0.07521 75 70 - 130 o-Xylene mg/Kg

LCS LCS

Surrogate	%Recovery Qualifie	er Limits
4-Bromofluorobenzene (Surr)	88	70 - 130
1,4-Difluorobenzene (Surr)	86	70 - 130

Lab Sample ID: LCSD 880-8517/2-A

Matrix: Solid

Analysis Batch: 8572

Client Sample	ID:	Lab	Contro	ol Sa	mple	Dup

Prep Type: Total/NA

Prep Batch: 8517

Spike LCSD LCSD %Rec. RPD Limit Analyte Added Result Qualifier %Rec Limits RPD Unit Benzene 0.100 0.07792 mg/Kg 78 70 - 130 15 35 Toluene 0.100 0.09676 mg/Kg 97 70 - 130 10 35 Ethylbenzene 0.100 0.09820 mg/Kg 98 70 - 130 14 35 m-Xylene & p-Xylene 0.200 0.1741 mg/Kg 87 70 - 130 6 35 0.100 0.07666 77 70 - 130 o-Xylene mg/Kg 35

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	100	70 - 130
1,4-Difluorobenzene (Surr)	89	70 - 130

Lab Sample ID: 880-6451-A-1-D MS

Matrix: Solid

Analysis Batch: 8572

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 8517

•	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.000567	J	0.100	0.08866		mg/Kg		88	70 - 130	
Toluene	0.0170		0.100	0.1066		mg/Kg		89	70 - 130	
Ethylbenzene	0.0142		0.100	0.1018		mg/Kg		87	70 - 130	
m-Xylene & p-Xylene	0.0424		0.201	0.1852		mg/Kg		71	70 _ 130	
o-Xylene	0.0118		0.100	0.09212		mg/Kg		80	70 - 130	

Eurofins Xenco, Carlsbad

Page 26 of 56

Prep Batch: 8517

Client: Talon/LPE Job ID: 890-1303-1 SDG: Lea County Project/Site: Charolais 6"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-6451-A-1-E MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 8572

_	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.000567	J	0.100	0.05612	N1 N2	mg/Kg		55	70 - 130	45	35
Toluene	0.0170		0.100	0.09112		mg/Kg		74	70 - 130	16	35
Ethylbenzene	0.0142		0.100	0.1109		mg/Kg		97	70 - 130	9	35
m-Xylene & p-Xylene	0.0424		0.200	0.1979		mg/Kg		78	70 - 130	7	35
o-Xylene	0.0118		0.100	0.09476		mg/Kg		83	70 - 130	3	35

MSD MSD %Recovery Qualifier Limits Surrogate 4-Bromofluorobenzene (Surr) 70 - 130 106 65 X 1,4-Difluorobenzene (Surr) 70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-8388/1-A

Matrix: Solid

Analysis Batch: 8407

Client Sample ID: Method Blank	
Prep Type: Total/NA	
Prep Batch: 8388	
	MB MB

	MB	MR							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	15.0	mg/Kg		09/24/21 15:44	09/25/21 21:52	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0	15.0	mg/Kg		09/24/21 15:44	09/25/21 21:52	1
C10-C28)									
OII Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		09/24/21 15:44	09/25/21 21:52	1

	IVID IVID				
Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112	70 - 130	09/24/21 15:44	09/25/21 21:52	1
o-Terphenyl	133 X	70 - 130	09/24/21 15:44	09/25/21 21:52	1

Lab Sample ID: LCS 880-8388/2-A **Client Sample ID: Lab Control Sample Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 8407

	Spike	LCS	LCS			%Rec.	
Analyte	Added	Result	Qualifier Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	912.1	mg/l		91	70 - 130	
(GRO)-C6-C10							
Diesel Range Organics (Over	1000	1168	mg/	K g	117	70 - 130	
C10-C28)							

	LCS LCS					
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	110		70 - 130			
o-Terphenyl	113		70 - 130			

Eurofins Xenco, Carlsbad

Prep Batch: 8388

Job ID: 890-1303-1

Client: Talon/LPE Project/Site: Charolais 6" SDG: Lea County

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-8388/3-A

Matrix: Solid

Analysis Batch: 8407

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 8388

	Бріке	LC2D	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	893.9		mg/Kg		89	70 - 130	2	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1117		mg/Kg		112	70 - 130	4	20
C40 C20\									

C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	107		70 - 130
o-Terphenyl	107		70 - 130

Client Sample ID: Matrix Spike

Lab Sample ID: 880-6453-A-1-C MS

	Cample Cample	Snika	Me Me	%Pac
Analysis Batch: 8407				Prep Batch: 8388
Watrix: Solid				Prep Type: Total/NA

Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits 997 1077 108 70 - 130 Gasoline Range Organics <49.8 U mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 41.9 J 997 1250 mg/Kg 121 70 - 130

C10-C28)

MS MS

Surrogate	%Recovery	Qualifier	Limits		
1-Chlorooctane	136	X	70 - 130		
o-Terphenyl	140	X	70 - 130		

Lab Sample ID: 880-6453-A-1-D MSD

Matrix: Solid

Analysis Batch: 8407

Client Sampl	e ID: Matrix	Spike Duplicate
--------------	--------------	-----------------

Prep Type: Total/NA Prep Batch: 8388

Sample Sample Spike MSD MSD %Rec. **RPD** Result Qualifier Added Limit Analyte Result Qualifier Unit %Rec Limits RPD <49.8 U 999 1005 20 Gasoline Range Organics 101 70 - 130 mg/Kg (GRO)-C6-C10 41.9 J 999 1190 115 20 Diesel Range Organics (Over mg/Kg 70 - 130

C10-C28)

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	129		70 - 130
o-Terphenyl	129		70 - 130

Lab Sample ID: MB 880-8396/1-A

Matrix: Solid

Analysis Batch: 8405

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 8396

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	15.0	mg/Kg		09/24/21 16:32	09/25/21 21:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	15.0	mg/Kg		09/24/21 16:32	09/25/21 21:52	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		09/24/21 16:32	09/25/21 21:52	1

Client: Talon/LPE Job ID: 890-1303-1 Project/Site: Charolais 6" SDG: Lea County

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

MB MB

%Recovery Qualifier

99

110

Lab Sample ID: MB 880-8396/1-A

Matrix: Solid

Surrogate

o-Terphenyl

o-Terphenyl

1-Chlorooctane

Analysis Batch: 8405

Client Sample ID: Method Blank

Analyzed

09/25/21 21:52

Client Sample ID: Lab Control Sample Dup

Prepared

09/24/21 16:32

Prep Type: Total/NA

Prep Batch: 8396

Dil Fac

70 - 130 09/24/21 16:32 09/25/21 21:52

Lab Sample ID: LCS 880-8396/2-A **Client Sample ID: Lab Control Sample**

70 - 130

Limits

70 - 130

Matrix: Solid Prep Type: Total/NA **Analysis Batch: 8405** Prep Batch: 8396

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit D %Rec Limits 1000 878.4 88 70 - 130Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 928.5 93 mg/Kg 70 - 130C10-C28)

LCS LCS Surrogate %Recovery Qualifier Limits 103 70 - 130 1-Chlorooctane

103

Lab Sample ID: LCSD 880-8396/3-A

Matrix: Solid

Prep Type: Total/NA **Analysis Batch: 8405** Prep Batch: 8396 Spike LCSD LCSD RPD %Rec.

Analyte Added Result Qualifier Unit %Rec Limits RPD Limit D Gasoline Range Organics 1000 860.1 mg/Kg 86 70 - 130 2 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1019 mg/Kg 102 70 - 130 20 C10-C28)

LCSD LCSD

%Recovery Qualifier Surrogate Limits 70 - 130 1-Chlorooctane 101 o-Terphenyl 103 70 - 130

Lab Sample ID: 890-1299-A-1-C MS

Matrix: Solid

Prep Type: Total/NA **Analysis Batch: 8405** Prep Batch: 8396 Sample Sample MS MS Spike %Rec.

Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits U 997 942.3 95 Gasoline Range Organics <49.8 mg/Kg 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over 17.7 J 997 872.1 mg/Kg 86 70 - 130 C10-C28)

MS MS

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	102	70 - 130
o-Terphenyl	102	70 - 130

Eurofins Xenco, Carlsbad

Client Sample ID: Matrix Spike

Lab Sample ID: 890-1299-A-1-D MSD

Client: Talon/LPE Job ID: 890-1303-1 Project/Site: Charolais 6" SDG: Lea County

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Client Sample ID: Matrix Spike Duplicate

86

Prep Type: Total/NA

Prep Batch: 8396

Analysis Batch: 8405 Sample Sample Spike MSD MSD RPD Result Qualifier RPD Limit Analyte Added Result Qualifier Unit %Rec Limits D Gasoline Range Organics <49.8 U 999 886.3 mg/Kg 89 70 - 130 6 20 (GRO)-C6-C10

877.5

999

70 - 130 20

C10-C28)

Matrix: Solid

MSD MSD

17.7 J

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	102		70 - 130

Lab Sample ID: MB 880-8435/1-A Client Sample ID: Method Blank

Matrix: Solid

Diesel Range Organics (Over

Prep Type: Total/NA

mg/Kg

Analysis Batch: 8429 Prep Batch: 8435 мв мв

Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 09/27/21 08:53 09/27/21 10:32 Gasoline Range Organics <50.0 U 50.0 15.0 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 15.0 mg/Kg 09/27/21 08:53 09/27/21 10:32 OII Range Organics (Over C28-C36) <50.0 U 50.0 15.0 mg/Kg 09/27/21 08:53 09/27/21 10:32

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	123	70 - 130	09/27/21 08:53	09/27/21 10:32	1
o-Terphenyl	137 X	70 - 130	09/27/21 08:53	09/27/21 10:32	1

Lab Sample ID: LCS 880-8435/2-A

Matrix: Solid Analysis Batch: 8429 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Prep Batch: 8435

Prep Type: Total/NA

	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics	1000	1138		mg/Kg		114	70 - 130
(GRO)-C6-C10							
Diesel Range Organics (Over	1000	1135		mg/Kg		113	70 - 130
C10-C28)							

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	122		70 - 130
o-Terphenyl	116		70 - 130

Lab Sample ID: LCSD 880-8435/3-A Client Sample ID: Lab Control Sample Dup

1120

1000

Matrix: Solid

Analysis Batch: 8429

Gasoline Range Organics (GRO)-C6-C10

Diesel Range Organics (Over

							Prep	Batch:	8435	
	Spike	LCSD	LCSD				%Rec.		RPD	
,	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
	1000	1066		mg/Kg	_	107	70 - 130	7	20	

mg/Kg

112

70 - 130

C10-C28)

Analyte

Eurofins Xenco, Carlsbad

9/30/2021

Job ID: 890-1303-1

SDG: Lea County

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-8435/3-A

Matrix: Solid

Client: Talon/LPE

Analysis Batch: 8429

Project/Site: Charolais 6"

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 8435

LCSD LCSD

%Recovery Qualifier Surrogate Limits 1-Chlorooctane 120 70 - 130 o-Terphenyl 118 70 - 130

Lab Sample ID: 880-6278-A-54-E MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 8429

Prep Type: Total/NA

Prep Batch: 8435

Sample Sample Spike MS MS %Rec. Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits <49.8 U 997 894.3 90 70 - 130Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.8 U 997 810.0 mg/Kg 81 70 - 130C10-C28)

MS MS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	92		70 - 130

Lab Sample ID: 880-6278-A-54-F MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 8429

Prep Type: Total/NA

Prep Batch: 8435

Sample Sample Spike MSD MSD RPD %Rec. Added Analyte Result Qualifier Result Qualifier Unit D %Rec Limits RPD Limit Gasoline Range Organics <49.8 U 999 920.6 mg/Kg 92 70 - 130 3 20 (GRO)-C6-C10 Diesel Range Organics (Over <49.8 U 999 810.8 mg/Kg 81 70 - 130 0 20 C10-C28)

MSD MSD

%Recovery Qualifier Limits Surrogate 70 - 130 1-Chlorooctane 104 o-Terphenyl 91 70 - 130

Lab Sample ID: MB 880-8436/1-A Client Sample ID: Method Blank **Matrix: Solid**

Analysis Batch: 8431

Prep Type: Total/NA

Prep Batch: 8436

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	15.0	mg/Kg		09/27/21 09:17	09/27/21 10:47	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0	15.0	mg/Kg		09/27/21 09:17	09/27/21 10:47	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		09/27/21 09:17	09/27/21 10:47	1

мв мв

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	09/27/21 09:17	09/27/21 10:47	1
o-Terphenyl	128		70 - 130	09/27/21 09:17	09/27/21 10:47	1

Eurofins Xenco, Carlsbad

Page 31 of 56 Released to Imaging: 1/25/2022 9:33:42 AM

Job ID: 890-1303-1

Client: Talon/LPE Project/Site: Charolais 6" SDG: Lea County

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-8436/2-A **Client Sample ID: Lab Control Sample Matrix: Solid** Prep Type: Total/NA Analysis Batch: 8431 Prep Batch: 8436

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1118		mg/Kg		112	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1264		mg/Kg		126	70 - 130	
C10-C28)								

LCS LCS %Recovery Qualifier Limits Surrogate 1-Chlorooctane 136 X 70 - 130 o-Terphenyl 136 X 70 - 130

Lab Sample ID: LCSD 880-8436/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid Prep Type: Total/NA **Analysis Batch: 8431** Prep Batch: 8436 LCSD LCSD %Rec. RPD

Spike Analyte Added Result Qualifier Unit D %Rec Limits **RPD** Limit 1000 1097 Gasoline Range Organics mg/Kg 110 70 - 130 2 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1146 mg/Kg 115 70 - 130 10 20 C10-C28)

LCSD LCSD %Recovery Qualifier Surrogate Limits 1-Chlorooctane 128 70 - 130 o-Terphenyl 127 70 - 130

Lab Sample ID: 880-6468-A-1-B MS Client Sample ID: Matrix Spike **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 8431 Prep Batch: 8436

	Sample	Sample	Spike	IVIS	IVIS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	981.3		mg/Kg		98	70 - 130		-
Diesel Range Organics (Over	<49.8	U	997	1097		mg/Kg		110	70 - 130		

MS MS Qualifier Limits Surrogate %Recovery 1-Chlorooctane 124 70 - 130 112 70 - 130 o-Terphenyl

Lab Sample ID: 880-6468-A-1-C MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 8431 Prep Batch: 8436 Spike MSD MSD %Rec RPD

	Campic	Odilipic	Opine	MOD	IIIOD				/01 100 .		INI D
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	972.3		mg/Kg		97	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1028		mg/Kg		103	70 - 130	7	20
	MSD	MSD									

Surrogate Limits %Recovery Qualifier 1-Chlorooctane 70 - 130 113

Client: Talon/LPE Job ID: 890-1303-1 Project/Site: Charolais 6"

SDG: Lea County

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-6468-A-1-C MSD **Matrix: Solid**

Analysis Batch: 8431

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 8436

MSD MSD

Surrogate %Recovery Qualifier Limits o-Terphenyl 100 70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-8386/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 8473

MB MB Analyte Result Qualifier RL MDL Unit D Dil Fac Prepared Analyzed Chloride <5.00 5.00 0.858 09/27/21 18:53 U mg/Kg

Lab Sample ID: LCS 880-8386/2-A Client Sample ID: Lab Control Sample **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 8473

LCS LCS Spike %Rec. Added Result Qualifier Analyte Unit %Rec Limits Chloride 250 269.2 mg/Kg 108 90 - 110

Lab Sample ID: LCSD 880-8386/3-A Client Sample ID: Lab Control Sample Dup **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 8473

Spike LCSD LCSD %Rec. RPD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit Chloride 250 268.7 mg/Kg 107 90 _ 110 20

Lab Sample ID: 890-1303-2 MS

Matrix: Solid

Analysis Batch: 8473

Spike MS MS %Rec. Sample Sample Analyte Qualifier Added Qualifier Unit %Rec Result Result Chloride 324 248 576.6 102 90 - 110 mg/Kg

Lab Sample ID: 890-1303-2 MSD

Matrix: Solid

Analysis Batch: 8473

Sample Sample Spike MSD MSD %Rec. RPD Result Qualifier Added Qualifier RPD Limit Analyte Result Unit %Rec Limits Chloride 248 101 90 - 110 324 574 4 mg/Kg

Lab Sample ID: MB 880-8387/1-A

Matrix: Solid

Analysis Batch: 8553

Client Sample ID: Method Blank **Prep Type: Soluble**

MB MB Result Qualifier Analyte RL MDL Dil Fac Unit D Prepared Analyzed Chloride 5.00 <5.00 U 09/29/21 19:04 0.858 mg/Kg

Eurofins Xenco, Carlsbad

Client Sample ID: B-1

Client Sample ID: B-1

Prep Type: Soluble

Prep Type: Soluble

QC Sample Results

Client: Talon/LPE

Job ID: 890-1303-1

Project/Site: Charolais 6"

SDG: Lea County

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-8387/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 8553

 Analyte
 Added Chloride
 Result 250
 Qualifier mg/Kg
 Unit mg/Kg
 D mg/Kg
 MRec.

Lab Sample ID: LCSD 880-8387/3-A

Client Sample ID: Lab Control Sample Dup
Matrix: Solid

Prep Type: Soluble

Analysis Batch: 8553

Spike LCSD LCSD %Rec. RPD Added Limit Analyte Result Qualifier Unit D %Rec Limits RPD Chloride 250 258.3 mg/Kg 103 90 - 110 0

Lab Sample ID: 880-6450-A-1-B MS

Client Sample ID: Matrix Spike

Matrix: Solid Prep Type: Soluble

Analysis Batch: 8553

%Rec. Spike MS MS Sample Sample Analyte Result Qualifier Added Result Qualifier Unit Limits Chloride 599 1240 1994 N1 113 90 - 110 mg/Kg

Lab Sample ID: 880-6450-A-1-C MSD

Matrix: Solid

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analysis Batch: 8553

Sample Sample MSD MSD RPD Spike %Rec. Analyte Result Qualifier Added Qualifier Unit %Rec RPD Limit Result Limits Chloride 599 1240 1999 N1 113 90 - 110 20 mg/Kg

QC Association Summary

Client: Talon/LPE

Job ID: 890-1303-1

Project/Site: Charolais 6"

SDG: Lea County

GC VOA

Prep Batch: 8465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-8465/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 8502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-14	B-2	Total/NA	Solid	8021B	8507
890-1303-15	B-2	Total/NA	Solid	8021B	8507
890-1303-16	B-2	Total/NA	Solid	8021B	8507
890-1303-17	B-2	Total/NA	Solid	8021B	8507
MB 880-8465/5-A	Method Blank	Total/NA	Solid	8021B	8465
MB 880-8507/5-A	Method Blank	Total/NA	Solid	8021B	8507
LCS 880-8507/1-A	Lab Control Sample	Total/NA	Solid	8021B	8507
LCSD 880-8507/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	8507
890-1303-14 MS	B-2	Total/NA	Solid	8021B	8507
890-1303-14 MSD	B-2	Total/NA	Solid	8021B	8507

Prep Batch: 8504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-1	B-1	Total/NA	Solid	5035	
890-1303-2	B-1	Total/NA	Solid	5035	
890-1303-3	B-1	Total/NA	Solid	5035	
890-1303-4	B-1	Total/NA	Solid	5035	
890-1303-5	B-1	Total/NA	Solid	5035	
890-1303-6	B-1	Total/NA	Solid	5035	
890-1303-7	B-1	Total/NA	Solid	5035	
890-1303-8	B-1	Total/NA	Solid	5035	
890-1303-9	B-2	Total/NA	Solid	5035	
890-1303-10	B-2	Total/NA	Solid	5035	
890-1303-11	B-2	Total/NA	Solid	5035	
890-1303-12	B-2	Total/NA	Solid	5035	
890-1303-13	B-2	Total/NA	Solid	5035	
890-1300-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-1300-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 8506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-1	B-1	Total/NA	Solid	8021B	8504
890-1303-2	B-1	Total/NA	Solid	8021B	8504
890-1303-3	B-1	Total/NA	Solid	8021B	8504
890-1303-4	B-1	Total/NA	Solid	8021B	8504
890-1303-5	B-1	Total/NA	Solid	8021B	8504
890-1303-6	B-1	Total/NA	Solid	8021B	8504
890-1303-7	B-1	Total/NA	Solid	8021B	8504
890-1303-8	B-1	Total/NA	Solid	8021B	8504
890-1303-9	B-2	Total/NA	Solid	8021B	8504
890-1303-10	B-2	Total/NA	Solid	8021B	8504
890-1303-11	B-2	Total/NA	Solid	8021B	8504
890-1303-12	B-2	Total/NA	Solid	8021B	8504
890-1303-13	B-2	Total/NA	Solid	8021B	8504
890-1300-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	8504
890-1300-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	8504

Eurofins Xenco, Carlsbad

2

4

6

9

44

12

QC Association Summary

Client: Talon/LPE Job ID: 890-1303-1
Project/Site: Charolais 6" SDG: Lea County

GC VOA

Prep Batch: 8507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-14	B-2	Total/NA	Solid	5035	
890-1303-15	B-2	Total/NA	Solid	5035	
890-1303-16	B-2	Total/NA	Solid	5035	
890-1303-17	B-2	Total/NA	Solid	5035	
MB 880-8507/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-8507/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-8507/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1303-14 MS	B-2	Total/NA	Solid	5035	
890-1303-14 MSD	B-2	Total/NA	Solid	5035	

Prep Batch: 8515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
890-1303-9	B-2	Total/NA	Solid	5035	
890-1303-12	B-2	Total/NA	Solid	5035	
890-1303-13	B-2	Total/NA	Solid	5035	
MB 880-8515/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-8515/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-8515/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1315-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 8516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-8516/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-8516/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-6476-A-21-D MS	Matrix Spike	Total/NA	Solid	5035	
880-6476-A-21-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 8517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-1	B-1	Total/NA	Solid	5035	
890-1303-2	B-1	Total/NA	Solid	5035	
MB 880-8517/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-8517/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-8517/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-6451-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
880-6451-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 8570

Released to Imaging: 1/25/2022 9:33:42 AM

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-9	B-2	Total/NA	Solid	8021B	8515
890-1303-12	B-2	Total/NA	Solid	8021B	8515
890-1303-13	B-2	Total/NA	Solid	8021B	8515
MB 880-8515/5-A	Method Blank	Total/NA	Solid	8021B	8515
LCS 880-8515/1-A	Lab Control Sample	Total/NA	Solid	8021B	8515
LCS 880-8516/1-A	Lab Control Sample	Total/NA	Solid	8021B	8516
LCSD 880-8515/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	8515
LCSD 880-8516/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	8516
880-6476-A-21-D MS	Matrix Spike	Total/NA	Solid	8021B	8516
880-6476-A-21-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	8516
890-1315-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	8515

Eurofins Xenco, Carlsbad

9

4

6

8

9

11

13

QC Association Summary

Client: Talon/LPE

Project/Site: Charolais 6"

Job ID: 890-1303-1

SDG: Lea County

GC VOA

Analysis Batch: 8572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-1	B-1	Total/NA	Solid	8021B	8517
890-1303-2	B-1	Total/NA	Solid	8021B	8517
MB 880-8517/5-A	Method Blank	Total/NA	Solid	8021B	8517
LCS 880-8517/1-A	Lab Control Sample	Total/NA	Solid	8021B	8517
LCSD 880-8517/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	8517
880-6451-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	8517
880-6451-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	8517

Analysis Batch: 8694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-1	B-1	Total/NA	Solid	Total BTEX	
890-1303-2	B-1	Total/NA	Solid	Total BTEX	
890-1303-3	B-1	Total/NA	Solid	Total BTEX	
890-1303-4	B-1	Total/NA	Solid	Total BTEX	
890-1303-5	B-1	Total/NA	Solid	Total BTEX	
890-1303-6	B-1	Total/NA	Solid	Total BTEX	
890-1303-7	B-1	Total/NA	Solid	Total BTEX	
890-1303-8	B-1	Total/NA	Solid	Total BTEX	
890-1303-9	B-2	Total/NA	Solid	Total BTEX	
890-1303-10	B-2	Total/NA	Solid	Total BTEX	
890-1303-11	B-2	Total/NA	Solid	Total BTEX	
890-1303-12	B-2	Total/NA	Solid	Total BTEX	
890-1303-13	B-2	Total/NA	Solid	Total BTEX	
890-1303-14	B-2	Total/NA	Solid	Total BTEX	
890-1303-15	B-2	Total/NA	Solid	Total BTEX	
890-1303-16	B-2	Total/NA	Solid	Total BTEX	
890-1303-17	B-2	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 8388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-16	B-2	Total/NA	Solid	8015NM Prep	
890-1303-17	B-2	Total/NA	Solid	8015NM Prep	
MB 880-8388/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-8388/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-8388/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-6453-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-6453-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 8396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-4	B-1	Total/NA	Solid	8015NM Prep	
890-1303-5	B-1	Total/NA	Solid	8015NM Prep	
890-1303-6	B-1	Total/NA	Solid	8015NM Prep	
890-1303-7	B-1	Total/NA	Solid	8015NM Prep	
890-1303-8	B-1	Total/NA	Solid	8015NM Prep	
890-1303-9	B-2	Total/NA	Solid	8015NM Prep	
890-1303-10	B-2	Total/NA	Solid	8015NM Prep	
890-1303-11	B-2	Total/NA	Solid	8015NM Prep	
890-1303-12	B-2	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Carlsbad

3

4

6

0

9

10

Client: Talon/LPE Job ID: 890-1303-1
Project/Site: Charolais 6" SDG: Lea County

GC Semi VOA (Continued)

Prep Batch: 8396 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-13	B-2	Total/NA	Solid	8015NM Prep	
890-1303-14	B-2	Total/NA	Solid	8015NM Prep	
890-1303-15	B-2	Total/NA	Solid	8015NM Prep	
MB 880-8396/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-8396/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-8396/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1299-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1299-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 8405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-4	B-1	Total/NA	Solid	8015B NM	8396
890-1303-5	B-1	Total/NA	Solid	8015B NM	8396
890-1303-6	B-1	Total/NA	Solid	8015B NM	8396
890-1303-7	B-1	Total/NA	Solid	8015B NM	8396
890-1303-8	B-1	Total/NA	Solid	8015B NM	8396
890-1303-9	B-2	Total/NA	Solid	8015B NM	8396
890-1303-10	B-2	Total/NA	Solid	8015B NM	8396
890-1303-11	B-2	Total/NA	Solid	8015B NM	8396
890-1303-12	B-2	Total/NA	Solid	8015B NM	8396
890-1303-13	B-2	Total/NA	Solid	8015B NM	8396
890-1303-14	B-2	Total/NA	Solid	8015B NM	8396
890-1303-15	B-2	Total/NA	Solid	8015B NM	8396
MB 880-8396/1-A	Method Blank	Total/NA	Solid	8015B NM	8396
LCS 880-8396/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	8396
LCSD 880-8396/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	8396
890-1299-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	8396
890-1299-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	8396

Analysis Batch: 8407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-16	B-2	Total/NA	Solid	8015B NM	8388
890-1303-17	B-2	Total/NA	Solid	8015B NM	8388
MB 880-8388/1-A	Method Blank	Total/NA	Solid	8015B NM	8388
LCS 880-8388/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	8388
LCSD 880-8388/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	8388
880-6453-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	8388
880-6453-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	8388

Analysis Batch: 8429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-1	B-1	Total/NA	Solid	8015B NM	8435
890-1303-2	B-1	Total/NA	Solid	8015B NM	8435
MB 880-8435/1-A	Method Blank	Total/NA	Solid	8015B NM	8435
LCS 880-8435/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	8435
LCSD 880-8435/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	8435
880-6278-A-54-E MS	Matrix Spike	Total/NA	Solid	8015B NM	8435
880-6278-A-54-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	8435

Eurofins Xenco, Carlsbad

5

3

4

6

8

9

4 4

12

13

Client: Talon/LPE Job ID: 890-1303-1
Project/Site: Charolais 6" SDG: Lea County

GC Semi VOA

Analysis Batch: 8431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-3	B-1	Total/NA	Solid	8015B NM	8436
MB 880-8436/1-A	Method Blank	Total/NA	Solid	8015B NM	8436
LCS 880-8436/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	8436
LCSD 880-8436/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	8436
880-6468-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	8436
880-6468-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	8436

Prep Batch: 8435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-1	B-1	Total/NA	Solid	8015NM Prep	
890-1303-2	B-1	Total/NA	Solid	8015NM Prep	
MB 880-8435/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-8435/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-8435/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-6278-A-54-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-6278-A-54-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 8436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-3	B-1	Total/NA	Solid	8015NM Prep	
MB 880-8436/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-8436/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-8436/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-6468-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-6468-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 8663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
890-1303-1	B-1	Total/NA	Solid	8015 NM	
890-1303-2	B-1	Total/NA	Solid	8015 NM	
890-1303-3	B-1	Total/NA	Solid	8015 NM	
890-1303-4	B-1	Total/NA	Solid	8015 NM	
890-1303-5	B-1	Total/NA	Solid	8015 NM	
890-1303-6	B-1	Total/NA	Solid	8015 NM	
890-1303-7	B-1	Total/NA	Solid	8015 NM	
890-1303-8	B-1	Total/NA	Solid	8015 NM	
890-1303-9	B-2	Total/NA	Solid	8015 NM	
890-1303-10	B-2	Total/NA	Solid	8015 NM	
890-1303-11	B-2	Total/NA	Solid	8015 NM	
890-1303-12	B-2	Total/NA	Solid	8015 NM	
890-1303-13	B-2	Total/NA	Solid	8015 NM	
890-1303-14	B-2	Total/NA	Solid	8015 NM	
890-1303-15	B-2	Total/NA	Solid	8015 NM	
890-1303-16	B-2	Total/NA	Solid	8015 NM	
890-1303-17	B-2	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 8386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-1	B-1	Soluble	Solid	DI Leach	

Eurofins Xenco, Carlsbad

9/30/2021

Page 39 of 56

Client: Talon/LPE Job ID: 890-1303-1 Project/Site: Charolais 6" SDG: Lea County

HPLC/IC (Continued)

Leach Batch: 8386 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-2	B-1	Soluble	Solid	DI Leach	_
890-1303-3	B-1	Soluble	Solid	DI Leach	
890-1303-4	B-1	Soluble	Solid	DI Leach	
890-1303-5	B-1	Soluble	Solid	DI Leach	
890-1303-6	B-1	Soluble	Solid	DI Leach	
890-1303-7	B-1	Soluble	Solid	DI Leach	
890-1303-8	B-1	Soluble	Solid	DI Leach	
890-1303-9	B-2	Soluble	Solid	DI Leach	
890-1303-10	B-2	Soluble	Solid	DI Leach	
890-1303-11	B-2	Soluble	Solid	DI Leach	
MB 880-8386/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-8386/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-8386/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1303-2 MS	B-1	Soluble	Solid	DI Leach	
890-1303-2 MSD	B-1	Soluble	Solid	DI Leach	

Leach Batch: 8387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-12	B-2	Soluble	Solid	DI Leach	_
890-1303-13	B-2	Soluble	Solid	DI Leach	
890-1303-14	B-2	Soluble	Solid	DI Leach	
890-1303-15	B-2	Soluble	Solid	DI Leach	
890-1303-16	B-2	Soluble	Solid	DI Leach	
890-1303-17	B-2	Soluble	Solid	DI Leach	
MB 880-8387/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-8387/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-8387/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-6450-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-6450-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 8473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-1	B-1	Soluble	Solid	300.0	8386
890-1303-2	B-1	Soluble	Solid	300.0	8386
890-1303-3	B-1	Soluble	Solid	300.0	8386
890-1303-4	B-1	Soluble	Solid	300.0	8386
890-1303-5	B-1	Soluble	Solid	300.0	8386
890-1303-6	B-1	Soluble	Solid	300.0	8386
890-1303-7	B-1	Soluble	Solid	300.0	8386
890-1303-8	B-1	Soluble	Solid	300.0	8386
890-1303-9	B-2	Soluble	Solid	300.0	8386
890-1303-10	B-2	Soluble	Solid	300.0	8386
890-1303-11	B-2	Soluble	Solid	300.0	8386
MB 880-8386/1-A	Method Blank	Soluble	Solid	300.0	8386
LCS 880-8386/2-A	Lab Control Sample	Soluble	Solid	300.0	8386
LCSD 880-8386/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	8386
890-1303-2 MS	B-1	Soluble	Solid	300.0	8386
890-1303-2 MSD	B-1	Soluble	Solid	300.0	8386

Eurofins Xenco, Carlsbad

Client: Talon/LPE

Job ID: 890-1303-1

Project/Site: Charolais 6"

SDG: Lea County

HPLC/IC

Analysis Batch: 8553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1303-12	B-2	Soluble	Solid	300.0	8387
890-1303-13	B-2	Soluble	Solid	300.0	8387
890-1303-14	B-2	Soluble	Solid	300.0	8387
890-1303-15	B-2	Soluble	Solid	300.0	8387
890-1303-16	B-2	Soluble	Solid	300.0	8387
890-1303-17	B-2	Soluble	Solid	300.0	8387
MB 880-8387/1-A	Method Blank	Soluble	Solid	300.0	8387
LCS 880-8387/2-A	Lab Control Sample	Soluble	Solid	300.0	8387
LCSD 880-8387/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	8387
880-6450-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	8387
880-6450-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	8387

6

6

g

9

10

12

13

Job ID: 890-1303-1

Client: Talon/LPE Project/Site: Charolais 6" SDG: Lea County

Client Sample ID: B-1 Lab Sample ID: 890-1303-1

Date Collected: 09/22/21 10:20 Matrix: Solid Date Received: 09/23/21 13:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	8517	09/28/21 13:08	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	8572	09/29/21 15:48	KL	XEN MID
Total/NA	Prep	5035			5.02 g	5 mL	8504	09/28/21 09:54	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8506	09/28/21 16:20	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8694	09/30/21 19:38	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			8663	09/30/21 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	8435	09/27/21 08:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8429	09/27/21 15:01	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	8386	09/24/21 15:32	SC	XEN MID
Soluble	Analysis	300.0		1			8473	09/27/21 20:32	CH	XEN MID

Client Sample ID: B-1 Lab Sample ID: 890-1303-2

Date Collected: 09/22/21 10:27 Matrix: Solid Date Received: 09/23/21 13:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	8517	09/28/21 13:08	KL	XEN MIC
Total/NA	Analysis	8021B		50	5 mL	5 mL	8572	09/29/21 16:09	KL	XEN MID
Total/NA	Prep	5035			5.00 g	5 mL	8504	09/28/21 09:54	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8506	09/28/21 16:40	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8694	09/30/21 19:38	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			8663	09/30/21 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	8435	09/27/21 08:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8429	09/27/21 15:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	8386	09/24/21 15:32	SC	XEN MI
Soluble	Analysis	300.0		1			8473	09/27/21 20:38	CH	XEN MII

Lab Sample ID: 890-1303-3 Client Sample ID: B-1

Date Collected: 09/22/21 10:40 Matrix: Solid Date Received: 09/23/21 13:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	8504	09/28/21 09:54	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8506	09/28/21 17:01	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8694	09/30/21 19:38	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			8663	09/30/21 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	8436	09/27/21 09:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8431	09/27/21 19:54	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	8386	09/24/21 15:32	SC	XEN MID
Soluble	Analysis	300.0		1			8473	09/27/21 20:57	CH	XEN MID

Eurofins Xenco, Carlsbad

Client: Talon/LPE

Job ID: 890-1303-1

Project/Site: Charolais 6"

SDG: Lea County

Client Sample ID: B-1 Lab Sample ID: 890-1303-4

Date Collected: 09/22/21 10:42

Date Received: 09/23/21 13:25

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	8504	09/28/21 09:54	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8506	09/28/21 18:23	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8694	09/30/21 19:38	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			8663	09/30/21 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	8396	09/24/21 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8405	09/26/21 02:27	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	8386	09/24/21 15:32	SC	XEN MID
Soluble	Analysis	300.0		1			8473	09/27/21 21:03	CH	XEN MID

Client Sample ID: B-1 Lab Sample ID: 890-1303-5

Date Collected: 09/22/21 10:55

Date Received: 09/23/21 13:25

Matrix: Solid

Dil Initial Final Batch Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab 5035 Total/NA Prep 5.02 g 5 mL 8504 09/28/21 09:54 KL XEN MID Total/NA 8021B 5 mL XEN MID Analysis 1 5 mL 8506 09/28/21 18:44 KLTotal/NA Total BTEX 8694 XEN MID Analysis 1 09/30/21 19:38 A.I Total/NA Analysis 8015 NM 8663 09/30/21 12:51 XEN MID Total/NA 8015NM Prep 8396 XEN MID Prep 10.01 g 09/24/21 16:32 DM 10 mL Total/NA Analysis 8015B NM 8405 09/26/21 02:48 AJ XEN MID Soluble SC XEN MID Leach DI Leach 5.02 g 50 mL 8386 09/24/21 15:32 Soluble Analysis 300.0 8473 09/27/21 21:22 CH XEN MID

Client Sample ID: B-1 Lab Sample ID: 890-1303-6

Date Collected: 09/22/21 11:00 Matrix: Solid
Date Received: 09/23/21 13:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	8504	09/28/21 09:54	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8506	09/28/21 19:04	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8694	09/30/21 19:38	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			8663	09/30/21 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	8396	09/24/21 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8405	09/26/21 03:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	8386	09/24/21 15:32	SC	XEN MID
Soluble	Analysis	300.0		1			8473	09/27/21 21:28	CH	XEN MID

Client Sample ID: B-1 Lab Sample ID: 890-1303-7

Date Collected: 09/22/21 11:20 Matrix: Solid
Date Received: 09/23/21 13:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	8504	09/28/21 09:54	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8506	09/28/21 19:25	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8694	09/30/21 19:38	AJ	XEN MID

Eurofins Xenco, Carlsbad

2

5

7

9

11

Client: Talon/LPE

Job ID: 890-1303-1

Project/Site: Charolais 6"

SDG: Lea County

Client Sample ID: B-1 Lab Sample ID: 890-1303-7

Date Collected: 09/22/21 11:20

Date Received: 09/23/21 13:25

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			8663	09/30/21 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	8396	09/24/21 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8405	09/26/21 03:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	8386	09/24/21 15:32	SC	XEN MID
Soluble	Analysis	300.0		1			8473	09/27/21 21:34	CH	XEN MID

Client Sample ID: B-1 Lab Sample ID: 890-1303-8

Date Collected: 09/22/21 11:30 Matrix: Solid
Date Received: 09/23/21 13:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	8504	09/28/21 09:54	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8506	09/28/21 19:45	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8694	09/30/21 19:38	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			8663	09/30/21 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	8396	09/24/21 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8405	09/26/21 04:12	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	8386	09/24/21 15:32	SC	XEN MID
Soluble	Analysis	300.0		1			8473	09/28/21 11:26	CH	XEN MID

Client Sample ID: B-2 Lab Sample ID: 890-1303-9

Date Collected: 09/22/21 13:15

Date Received: 09/23/21 13:25

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	8504	09/28/21 09:54	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8506	09/28/21 20:06	KL	XEN MID
Total/NA	Prep	5035			5.00 g	5 mL	8515	09/29/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	8570	09/29/21 19:47	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8694	09/30/21 19:38	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			8663	09/30/21 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	8396	09/24/21 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8405	09/26/21 04:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	8386	09/24/21 15:32	SC	XEN MID
Soluble	Analysis	300.0		1			8473	09/27/21 21:46	CH	XEN MID

Client Sample ID: B-2 Lab Sample ID: 890-1303-10

Date Collected: 09/22/21 13:25

Matrix: Solid

Date Received: 09/23/21 13:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035		·	4.99 g	5 mL	8504	09/28/21 09:54	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8506	09/28/21 20:26	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8694	09/30/21 19:38	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			8663	09/30/21 12:51	AJ	XEN MID

Eurofins Xenco, Carlsbad

2

3

7

a

10

12

14

0/00/0004

Job ID: 890-1303-1

SDG: Lea County

Matrix: Solid

Client Sample ID: B-2

Project/Site: Charolais 6"

Client: Talon/LPE

Lab Sample ID: 890-1303-10

Matrix: Solid

Date Collected: 09/22/21 13:25 Date Received: 09/23/21 13:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	8396	09/24/21 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8405	09/26/21 04:54	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	8386	09/24/21 15:32	SC	XEN MID
Soluble	Analysis	300.0		1			8473	09/27/21 21:52	CH	XEN MID

Client Sample ID: B-2 Lab Sample ID: 890-1303-11

Date Collected: 09/22/21 13:30 Matrix: Solid

Date Received: 09/23/21 13:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	8504	09/28/21 09:54	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8506	09/28/21 20:47	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8694	09/30/21 19:38	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			8663	09/30/21 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	8396	09/24/21 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8405	09/26/21 05:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	8386	09/24/21 15:32	SC	XEN MID
Soluble	Analysis	300.0		1			8473	09/27/21 21:59	CH	XEN MID

Client Sample ID: B-2 Lab Sample ID: 890-1303-12

Date Collected: 09/22/21 13:35

Date Received: 09/23/21 13:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	8504	09/28/21 09:54	KL	XEN MIC
Total/NA	Analysis	8021B		1	5 mL	5 mL	8506	09/28/21 21:07	KL	XEN MID
Total/NA	Prep	5035			4.97 g	5 mL	8515	09/29/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	8570	09/29/21 20:07	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8694	09/30/21 19:38	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			8663	09/30/21 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	8396	09/24/21 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8405	09/26/21 05:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	8387	09/24/21 15:35	SC	XEN MID
Soluble	Analysis	300.0		1			8553	09/29/21 21:24	CH	XEN MI

Client Sample ID: B-2 Lab Sample ID: 890-1303-13

Date Collected: 09/22/21 13:40 Date Received: 09/23/21 13:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	8504	09/28/21 09:54	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8506	09/28/21 21:28	KL	XEN MID
Total/NA	Prep	5035			4.98 g	5 mL	8515	09/29/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	8570	09/29/21 20:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8694	09/30/21 19:38	AJ	XEN MID

Eurofins Xenco, Carlsbad

Page 45 of 56

Matrix: Solid

Client: Talon/LPE Job ID: 890-1303-1
Project/Site: Charolais 6" SDG: Lea County

Client Sample ID: B-2 Lab Sample ID: 890-1303-13

Date Collected: 09/22/21 13:40

Date Received: 09/23/21 13:25

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			8663	09/30/21 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	8396	09/24/21 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8405	09/26/21 05:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	8387	09/24/21 15:35	SC	XEN MID
Soluble	Analysis	300.0		1			8553	09/29/21 21:30	CH	XEN MID

Client Sample ID: B-2 Lab Sample ID: 890-1303-14

Date Collected: 09/22/21 13:45

Matrix: Solid

Date Received: 09/23/21 13:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	8507	09/28/21 10:09	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8502	09/29/21 00:51	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8694	09/30/21 19:38	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			8663	09/30/21 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	8396	09/24/21 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8405	09/26/21 06:18	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	8387	09/24/21 15:35	SC	XEN MID
Soluble	Analysis	300.0		1			8553	09/29/21 21:36	CH	XEN MID

Client Sample ID: B-2 Lab Sample ID: 890-1303-15

Date Collected: 09/22/21 13:50

Date Received: 09/23/21 13:25

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	8507	09/28/21 10:09	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8502	09/29/21 01:12	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8694	09/30/21 19:38	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			8663	09/30/21 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	8396	09/24/21 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8405	09/26/21 08:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	8387	09/24/21 15:35	SC	XEN MID
Soluble	Analysis	300.0		1			8553	09/29/21 21:41	CH	XEN MID

Client Sample ID: B-2 Lab Sample ID: 890-1303-16

Date Collected: 09/22/21 13:55

Date Received: 09/23/21 13:25

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	8507	09/28/21 10:09	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8502	09/29/21 01:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8694	09/30/21 19:38	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			8663	09/30/21 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	8388	09/24/21 15:44	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8407	09/26/21 06:18	AJ	XEN MID

Eurofins Xenco, Carlsbad

9

4

5

7

9

11

Client: Talon/LPE Job ID: 890-1303-1
Project/Site: Charolais 6" SDG: Lea County

Client Sample ID: B-2

Lab Sample ID: 890-1303-16

Matrix: Solid

Date Collected: 09/22/21 13:55 Date Received: 09/23/21 13:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	8387	09/24/21 15:35	SC	XEN MID
Soluble	Analysis	300.0		1			8553	09/29/21 21:47	CH	XEN MID

Client Sample ID: B-2 Lab Sample ID: 890-1303-17

Matrix: Solid

Date Collected: 09/22/21 14:05
Date Received: 09/23/21 13:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	8507	09/28/21 10:09	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8502	09/29/21 01:54	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8694	09/30/21 19:38	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			8663	09/30/21 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	8388	09/24/21 15:44	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8407	09/26/21 08:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	8387	09/24/21 15:35	SC	XEN MID
Soluble	Analysis	300.0		1			8553	09/29/21 21:53	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

3

A

5

7

9

11

40

Accreditation/Certification Summary

Client: Talon/LPE

Job ID: 890-1303-1

Project/Site: Charolais 6"

SDG: Lea County

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pr	ogram	Identification Number	Expiration Date
Texas	NE	ELAP	T104704400-21-22	06-30-22
The following analytes	are included in this report bu	it the laboratory is not certific	ed by the governing authority. This list ma	av include analytes for y
the agency does not of	• •	it the laboratory to not certifi	ed by the governing additionty. This list me	ay include analytes for v
,	• •	Matrix	Analyte	ay include analytes for v
the agency does not of	fer certification.	•	, , ,	ay include analytes for v

5

7

9

44

14

Method Summary

Client: Talon/LPE Job ID: 890-1303-1 Project/Site: Charolais 6"

SDG: Lea County	
-----------------	--

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Xenco, Carlsbad

Sample Summary

Client: Talon/LPE Project/Site: Charolais 6" Job ID: 890-1303-1

SDG: Lea County

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1303-1	B-1	Solid	09/22/21 10:20	09/23/21 13:25	8
890-1303-2	B-1	Solid	09/22/21 10:27	09/23/21 13:25	10
890-1303-3	B-1	Solid	09/22/21 10:40	09/23/21 13:25	12 - 13
890-1303-4	B-1	Solid	09/22/21 10:42	09/23/21 13:25	14 - 15
890-1303-5	B-1	Solid	09/22/21 10:55	09/23/21 13:25	16 - 17
890-1303-6	B-1	Solid	09/22/21 11:00	09/23/21 13:25	18
890-1303-7	B-1	Solid	09/22/21 11:20	09/23/21 13:25	21 - 22
890-1303-8	B-1	Solid	09/22/21 11:30	09/23/21 13:25	25 - 26
890-1303-9	B-2	Solid	09/22/21 13:15	09/23/21 13:25	8
890-1303-10	B-2	Solid	09/22/21 13:25	09/23/21 13:25	10
890-1303-11	B-2	Solid	09/22/21 13:30	09/23/21 13:25	12 - 13
890-1303-12	B-2	Solid	09/22/21 13:35	09/23/21 13:25	14 - 15
890-1303-13	B-2	Solid	09/22/21 13:40	09/23/21 13:25	16 - 17
890-1303-14	B-2	Solid	09/22/21 13:45	09/23/21 13:25	18
890-1303-15	B-2	Solid	09/22/21 13:50	09/23/21 13:25	21 - 22
890-1303-16	B-2	Solid	09/22/21 13:55	09/23/21 13:25	23 - 24
890-1303-17	B-2	Solid	09/22/21 14:05	09/23/21 13:25	26

	20120	12:34 4 (11)	12/25/	bo pall	8	3 RICENSO
	3		0			100
Date/Time	ure) Received by: (Signature)	Date/Time Relinquished by: (Signature)		Received by: (Signature)	Relinguished by: (Signature)	Relinguished
	re due to circumstances beyond the control swill be enforced unless previously negotiated.	Notice: Signature of this document and relinquistment of samples constitutes a valid purchase order from chief company to Eurofins Xenco, is a minimum, and a company to the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	by responsibility for an of \$5 for each sample	ment or samples constitutes a valid purchathe cost of samples and shall not assume at the cost of samples and shall not assume at the cost of samples and scharge	is document and relinquish enco will be liable only for the minimum charge of \$85.00 w	of Eurofins Xenco. A r
renditions	Hassings standard terms and conditions	OD AS DA DE CO CI CO CU FU MILI MIO	ICLP / SPLP 6010: OKCKA	Inalyzed ICLF/SFLF	Circle Method(s) and Metal(s) to be analyzed	Circle Method(s)
1 / 7470 / 7471	NI CO AC TI II	A B B CA C C C Bb Ma		9	2010	10tal 200.
Sr TI Sn U V Zn	Ma Mn Mo Ni K Se Aa SiO, Na	As Ba Be B Cd Ca Cr Co Cu Fe Pb	Texas 11 Al Sh	0. BRCRA 13PPM	6010 200 8 / 6020	Total 200 7 / 6010
			01	11:25 110		6-2
				1:15		55(\(\).
			0	111 30 25		15
			77	たったいてい		6-1.
			_	181 00:11		55 (i
			平	1015516-17		12-1
			7.	,St. 41 (2t.) 91		プー
			13'	10:40 12-13		50
			O/	10127 10		50
				9/27/2010120 3		B-1
Sample Comments		C2 4,	Comp Cont	Matrix Sampled Sampled Depth	Sample Identification Mi	Sample id
NaOH+Ascorbic Acid: SAPC	Nao	6	6	Corrected Temperature:		Total Containers:
Zn Acetate+NaOH: Zn	Zn		4	N/A Temperature Reading: 5	eals: Yes No (N/A	Sample Custody Seals
Na ₂ S ₂ O ₃ : NaSO ₃	hain of Custody Nag	890-1303 C	P	+-	Yes No /	Cooler Custody Seals:
NaHSO ₄ : NABIS	Na		arai	Thermometer ID:	Intact: Yes No	Samples Received Intact:
H ₃ PO ₄ : HP	H ₃ F		Yes No	(ves) No Wet Ice: (EIPT Temp Blank:	SAMPLE RECEIPT
H ₂ SO ₄ : H ₂ NaOH: Na	H ₂ S		_) [C	PO#:
	HC		received by	1	(NATION OF THE STATE OF THE ST	Sampler's Name:
Cool: Cool MeOH: Me	Coc			7) wer 0 soi	Project Location:
None: NO DI Water: H ₂ O	No		Rush Code	100301 Wiscoutine	702952	Project Number:
Preservative Codes	DUEST	ANALYSIS REC		0, 55 /p11 Turn Around	Plane alola	Project Name:
Other	Deliverables: EDD	todonips, en w	RPONS D.	Email:	575.746.8768	Phone:
ST TRRP Level IV	Reporting: Level III Level III PST/UST TRRP		City, State ZIP:		Artesia, NM 88210	City, State ZIP:
	State of Project:		ess:	e. Address:	408 W. Texas Ave	Address:
lds 🗌 RRC 📗 Superfund 🔲	Program: UST/PST PRP Brownfields RRC Superfund	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Company Name:	Com	Talon LPE	Company Name:
nments	Work Order Comments		Bill to: (if different)	TOSA BILL	000000000000000000000000000000000000000	Project Manager:
Page of L	www.xenco.com					
-		EL Paso, TX (915) 385-3443, Lubbock, TX (805) 794-1255 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199	Hobbs, NM (5)	8	200	
	Work Order No: _	Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334	Midland, TX (43	Environment lesting		
		Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300	Houston, TX		eurotins	eur
		Cliam of Custouy	9		2	•

Revised Date: 08/25/2020 Rev. 2020.2

ircle Method(s) and Metal(s) to be analyzed

Total 200.7 / 6010

200.8 / 6020:

8RCRA

13PPM Texas 11 Al Sb As Ba

Ве σ ဂ္ဂ

Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO, Na Sr Tl Sn U V Zn

Mo Ni Se

Ag TI U

Hg: 1631 / 245.1 / 7470 / 7471

TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn

eurofins

Environment Testing

×0000

13 14

Chain of Custody

Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Hobbs, NM (575) 392-7550, Carlsba

Work Order No:

ad, NM (5/5) 988-3199	www.xenco.com Page 2 of 2
	Work Order Comments
	Program: UST/PST ☐ PRP☐ Brownfleids ☐ RRC ☐ Superfund ☐
	State of Project:
	Reporting: Level II Level III PST/UST TRRP Level IV
	Deliverables: EDD
ANALYSIS REQUEST	มUEST Preservative Codes
	None: NO DI Water: H ₂ O

2					
		O			5
		4	, , , , , , , , , , , , , , , , , , , ,	\	S
	1525	423/21 /2: 31° CAR CARD 9.23/21 1525	4/23/21 /2:24	as him	1 Alans
Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)
	rcumstances beyond the control forced unless previously negotiated.	s incurred by the client if such losses are due to cit s Xenco, but not analyzed. These terms will be enf	bility for any losses or expenses ich sample submitted to Eurofin	of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiate.	of service. Eurofins Xenco will be liable only for of Eurofins Xenco. A minimum charge of \$85.00
	standard terms and conditions	enco. its affiliates and subcontractors. It assigns a	m client company to Eurofins X.	Nutice. Singstone of this document and religiously themset of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions	Matica. Cianatura of this document and relinquis

NaOH+Ascorbic Acid: SAPC Zn Acetate+NaOH: Zn

Sample Comments

Na₂S₂O₃: NaSO₃

NaHSO, NABIS

SAMPLE RECEIPT

Temp Blank:

Cooler Custody Seals: Samples Received Intact:

ample Custody Seals:

Yes No

Temperature Reading:

Corrected Temperature:

Yes No / (N/A) Correction Factor:

Thermometer ID:

MA JOH

Parameters

6 ż

Yes No Wet Ice:

Sample Identification

Matrix

Date Sampled

Time Sampled

Comp (Grab/

Cont # of

75.

×

011 32

14-1-6

ントカー

7-13/ Depth

72

23-24

Sampler's Name:

roject Location:

Project Number:

202958.

03.0

Routine

Rush

Code

Due Date:

TAT starts the day received by the lab, if received by 4:30pm

HCL: HC

HNO₃: HN NaOH: Na MeOH: Me

Cool: Cool

H3PO4: HP H₂SO₄: H₂ Strolag orla

1

Turn Around

roject Name:

Phone:

575.746.8768

Email:

City, State ZIP:

City, State ZIP: \ddress: Project Manager:

ompany Name:

Talon LPE

Company Name: Bill to: (if different)

408 W. Texas Ave.

Artesia, NM 88210

Eurofins Xenco, Carlsbad

NAME OF TAXABLE PARTY.	
-	
-	

💸 eurofins

Environment Testing America

1089 N Canal St. Carisbad NM 88220 Phone 575-988-3199 Fax 575-988-3199 **Chain of Custody Record**

ida Ave . Correct Client D (Lab ID)		Sampler:			1 25 0	1					١	l	2				l	l	ļ					•
Process	ormation	Campio			Kran	er Je	ssica						Can	ler i ra	cking	No(s)				90 N	o 27 1			
Company Comp	Client Contact: Shipping/Receiving	Phone:			E-Mai	: ca kra	merd	Deuro	finset				Stat	e of O	gi gi				n 71	age:	1 of o			
Date Date Requested (Suppl.)	Company Eurofins Xenco					Accred NEL	itation:	s Requ	ired (S	ee note	۳		ł	l		ı				ğ #	303_1			
A House	1211 W Florida Ave	Due Date Requeste 9/29/2021	٥							Ang	lvs:								_	rese	rvation Cod	es		
Company Comp	City: Midland	TAT Requested (da	ys):				national Con-												en en en		오루	Z Z	Hexane	
MO R WO R	State Zip: TX, 79701						lefenezooksee	TPH										Carrie	rales religi		Acetate ric Acid HSO4	ρ υ c	ASNAOZ Na2O4S Na2SO3	
Sample Date Sample Cercent	Phone: 432-704-5440(Tel)	PO#:					hellitederskille) Full	e								_		diberenti		와 chlor	o д	Na2S2O3 +2SO4	
Bangold Order Sample Corons, Corons Co	Email	WO#:				TOTAL STREET	and the same the	OM)	hlorid										its a contra	_	Comic Acid	< C	ISP Dodecahydrate Acetone	
Some Sample Cover Interest State of Cover Interest Sta	Project Name: Charolais 6"	Project #:					04,400,000	S_Pre	ACH (Edit Sec		A F	N §	pH 4-5 other (specify)	
Sample Code: Sample Code: Sample Code: Time Code Code: Code: Code: Code: Code: Code: Code: Sample Code: Time Code: C	Site	090000				Kotsares	A 1997 KO	M_S	LE/									******	witte.					
Sample Cacque type Comment of the Cacque type Cacque t		SSCW#:				HAVennia in the	(2830-805)	8015N	8D/DI_									· · · · · · · · · · · · · · · · · · ·	Marie St.	Other				
Sample Date Time (Crone) Coversion (Crone) Crone) Coversion (Crone) Crone (Crone				Sample	Matrix	*************	2895000000	_NM/8	FM_2			····							mber					
Sample Date Time Grapably Informations Auditions Auditio			Sample	Type (C=Comn	(W≔water S=solid,		12245111201	MOE	ORG										l Nu					_
9/22/21 Mountain Solid X X X X	Sample Identification - Client ID (Lab ID)	Sample Date	Time		BT=Tissue, A=Air)	T. ESSECTION	1 September 1	8016	300_	_									Tota		Special In	struc	ctions/Note	
9922/21 Mountain 9022/21 Mountain 902/21 Mountain 9022/21 Mountain 902/21/21 Mountain 9022/21 Mountain 9022/			30)	rieseiva	Lion Code.	\langle			and a		100		-	8000		Charles S	i dendr	L	×	Non-America				
9/22/21 Mountain Solid X X X X X X X X X X X X X X X X X X X	B-1 (890-1303-1)	9/22/21	Mountain		Solid		×	×	×	-									4					
9/22/21 Mountain 11 00 Solid X X X X X X X X X X X X X X X X X X X	B-1 (890-1303-2)		10 27 Mountain		Solid		×	×	×										**				THE PARTY OF THE P	
9/22/21 Mountain 10.55 Solid X X X X X X X X X X X X X X X X X X X	B-1 (890-1303-3)		10 40 Mountain		Solid		×	×	×										A)					
9/22/21 Mountain Solid X X X X S S S S S S S S S S S S S S S	B-1 (890-1303-4)		10 42 Mountain		Solid		×	×	×	_	-										:			
9/22/21 Mountain Solid X X X X X X X X X	B-1 (890-1303-5)		10 55 Mountain		Solid		×	×	×				\dashv						<u> </u>					
11 20 Solid X X X X X X X X X	B-1 (890-1303-6)		11 00 Mountain		Solid		×	×	×															
9/22/21 Mountain 9/22/2	B-1 (890-1303-7)		11 20 Mountain		Solid		×	×	×										•4					
9/22/21 13.15 Solid X X X X X X X X X X X	B-1 (890-1303-8)		11 30 Mountain		Solid		×	×	×															
rofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody if the laboratory does not cur bysis/hests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC. Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Return To Client	B-2 (890-1303-9)		13 15 Mountain		Solid		×	×	×										, A.C.					
Sample Disposal (A fee may be assessed if samples are retained longer than 1 mol Primary Deliverable Rank 2 Primary Deliverable Rank 2 Date Time: Date Date	Note: Since laboratory accreditations are subject to change Eurofins Xenco LLC p maintain accreditation in the State of Origin listed above for analysis/tests/matrix b attention immediately. If all requested accreditations are current to date return the	laces the ownership or eing analyzed, the sar signed Chain of Cus	of method, and mples must be tody attesting	alyte & accredite e shipped back to said complic	ation compliand to the Eurofins ance to Eurofir	e upon Xenco I s Xenco	out su LLC lai	bcontra	act labo y or oth	ratorie 1er inst	s. This	s samp	le ship e prov	ment i	s forw Any ct	arded nanges	under to ac	chain- credit	-of-cu ation s	stody	If the laborat	ory do	nes not currently o Eurofins Xenco LLC	
Primary Deliverable Rank 2 Primary Deliverable Rank 2 Special Instructions/QC Requirements Date Time: Date/Time Company Date/Time Company Received by Date/Time Company Coler Texperature(e) Seang Other Remarks.	Possible Hazard Identification					S	mple	Dist	osal	(A fe	e ma	y be	asse	ssed	if sa	mple	sar	eret	aine	lon	than 1	mon	nth)	
Date/Time Company Received by Date/Time Date/Time Company Received by Cooler Texperature(s) Scange ther Remarks.	Deliverable Regressed II III IV Other (specific					+	[eturn	70 C	lient			Disp	sal E	3y La	Ď	١,	ľ	rchi	ve Fo	ľ	>	Wonths	
Impulshed by Company Confer Temperature(s) Semigrature(s) Semigrature(s	penverable nequested in it, iii, iv Other (specify)	Primary Delivera	ble Rank	2		Sp	ecial	Instru	ction	s/QC	Requ	Jijeme	s i				,							
Date/Time Company Received by Date/Time Company Received by Date/Time Date/Time Date/Time Company Received by Date/Time Date/Time Date/Time Company Received by Date/Time Date/Time Company Cooler Texperature(s) Scangether Remarks.	Empty Kit Relinquished by		Date			Time:			1			//	, 1	\Met	od of	Shipm	ent:							
Date/Time Company Received by Date/Time Date/Time Date/Time Company Received by Date/Time Company Received by Cooler Tepperature(e) Sant-Other Remarks.		Date/Time			Company		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	/ E		U/L	Whi		Y					1.	2	<u> </u>		Con	npany	
Date/Time Company Received by Date/Time Company A Cooler Tepsparature(e) Scand-Other Remarks. □ Cooler Tepsparature(e) Scand-Other Remarks.	Relinquished by	Date/Time			Company		7	ved	T	d	ŀ			l		Dale	Time	ŧ	F	ł	-5	Con	npany	
Custody Seal No	Relinquished by	Date/Time			Company		Rece	ived b	۲		ŀ			l		Date/	Time	1				Con	npany	
							Cool	er Tepp	Peratu			other F	emark	,s								f		

Ver 06/08/2021

Chain of Custody Record

Sampler (Lab PM	Chain of Custody Record
Camier Tracking No(s)	
COC No.	💸 eurofins
	Environment Testing America

Eurofins Xenco, Carlsbad																						
1089 N Canal St. Carlsbad NM 88220 Phone: 575-988-3199 Fax 575-988-3199	O	hain c	Chain of Custody Record	tody R	900	ă														s eurofins	≥ ∰	Environment Testing America
Client Information (Sub Contract Lab)	Sampler:			Lab PM Krame	Lab PM Kramer, Jessica	ssica						0	amer	Carrier Tracking No(s)	g No	®		1	∞ ○	COC No. 890-427 2		
Client Contact: Shipping/Receiving	Phone:			E-Mail jessic	E-Mail essica.kramer@eurofinset.com	mer@)eurc	finse	com			Ζ છ	ate of	State of Origin	0 -	l		Ì	U D	Page:	1	
Company: Eurofins Xenco					Accreditations Required (See note): NELAP - Texas	tations	Requ	ired (S	ee no	<u>e)</u>		ŀ		١				1	ρS	Job #:		
Address 1211 W Florida Ave,	Due Date Requested 9/29/2021	<u>n</u>					١		Ana	alveie		Reguested		١ -	- 1	- 1		-	-	Preservation Codes	es	
City: Midland	TAT Requested (days)	/s)·			5.2.1					_			— <u> </u>		-	\dashv	4		000	. <u>-</u> -		Hexane None
State Zip: TX, 79701						25.000-00.00	TPH											d-ed-less.	пσс	D Nitric Acid		ASNAC2 Na2O4S Na2SO3
Phone: 432-704-5440(TeI)	PO#:)	Sec. ANN Clean) Fuli	e											ОΠ	1	_	Na2S2O3 H2SO4
Email	WO#				***************************************	ΈX	70M) q	Chlorid											de Hada	H ASCORDIC ACID -Ice DI Water	< -	ISP Dodecahydrate Acetone MCAA
Project Name Charolais 6"	Project #: 89000040					OD) B1	S_Pre	EACH	-									Lelland	restota este	K-EDTA L EDA		pH 4-5 other (specify)
Site	SSOW#				*************	Calc (M	015NM	D/DI_L										Sec. and Sec.	State South	Other:		
		<u> </u>	Sample Type	Matrix (W=water S=solid,	l Filtered orm MS/N	B/6035FP_	MOD_NM/8	ORGFM_28										Wallet Old Street Co	Number			
Sample Identification - Client ID (Lab ID)	Sample Date	Time	ນ	BT=Tissue, A=Air)	27 200000000	802	801	300	1			4	-	1		1	4	4	4.00	Special In:	stru	Special Instructions/Note:
B-2 (890-1303-10)	9/22/21	13 25		Solid		×	×	×	in divine			- 4	- 12	-				s	- 4		2000	
B-2 (890-1303-11)	9/22/21	13 30		Solid	+	×	×	×		_			+	+	\dashv	\dashv	+	ă. A				
B-2 (890-1303-12)	9/22/21	13 35 Mountain		Solid		×	×	×		\dashv	-				-+	\dashv	-+					
B-2 (890-1303-13)	9/22/21	13 40 Mountain		Solid	\dashv	×	×	×						_	-	\dashv					-	
B-2 (890-1303-14)	9/22/21	13 45 Mountain		Solid	_	×	×	×												***************************************		
B-2 (890-1303-15)	9/22/21	13 50 Mountain		Solid	_	×	×	×					\dashv			\dashv		10.00	#1			
B-2 (890-1303-16)	9/22/21	13 55 Mountain		Solid		×	×	×									\dashv	- A- 1	**			
B-2 (890-1303-17)	9/22/21	Mountain		Solid		×	×	×		+		-	+	+-+	+	+-+	-	37" . 1	-			
Note: Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently analytic in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC.	aces the ownership or eing analyzed the san signed Chain of Cust	f method anal nples must be ody attesting to	yte & accredita shipped back t	tion compliance to the Eurofins ance to Eurofins	e upon Xenco L	C late	ocontra	act lab	pratori her ins	es. Tr	is san	hple si	nipme ovideo	nt is fo	rward	ed un	der d	nain-o	f-cus	stody If the laborate tatus should be brou	lory do	oes not currently o Eurofins Xenco LLC
Possible Hazard Identification					Sa	mple	Disc	osal	A	ee m	1 July 20	ass	esse	ă	sam	oles	are	retai	neo	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	TO EE	nth)
Deliverable Requested II III IV Other (specify)	Primary Deliverable Rank	ble Rank 2			8	Special Instructions/QC	Instru	ial Instructions/QC	s/QC		Requirements	nents	Pose	ents.	ab			Ę	Chiv	Archive For		Months
Empty Kit Relinquished by		Date			Time:					V_{λ}	$/\!\!/\!\!/$		7	Method of Shipment:	of Shi	pmen		1	- [
Relinquished by Loc Lifton 9.23.21	Date/Time Date/Time·		0 0	Company		Rec Rec	Received by				1/	\mathbb{N}				Date/Time		17	2	Marcilli 1	Con Con	Company
Relinquished by	Date/Time			Company		Rece	Received by								D D	Date/Time	ne	- 1			င္ခ	Company
Custody Seals Intact Custody Seal No						Coole	er Tem	Cooler Temperature(s) °C		and l	Other Remarks	, Lg	~ §		- }	1		- 1			ŀ	

Ver 06/08/2021

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1303-1

SDG Number: Lea County

List Source: Eurofins Xenco, Carlsbad

Login Number: 1303 List Number: 1 Creator: Clifton, Cloe

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1303-1

SDG Number: Lea County

List Source: Eurofins Xenco, Midland
List Number: 2
List Creation: 09/24/21 01:51 PM

Creator: Copeland, Tatiana

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.0 / 2.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	True	

210

2

3

4

6

8

10

14

14

<6mm (1/4").



October 06, 2021

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: CHAROLAIS 6" PIPELINE

Enclosed are the results of analyses for samples received by the laboratory on 10/01/21 12:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 10/01/2021 Sampling Date: 10/01/2021 Soil

Reported: 10/06/2021 Sampling Type:

** (See Notes) Project Name: **CHAROLAIS 6" PIPELINE** Sampling Condition: Project Number: 702958.003.01 Sample Received By: Tamara Oldaker

Project Location: 3 BEAR - LEA CO NM

Sample ID: SW - BOTTOM 25' (H212731-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2021	ND	2.07	104	2.00	4.90	
Toluene*	<0.050	0.050	10/04/2021	ND	2.00	100	2.00	4.54	
Ethylbenzene*	<0.050	0.050	10/04/2021	ND	1.97	98.4	2.00	4.31	
Total Xylenes*	<0.150	0.150	10/04/2021	ND	6.00	100	6.00	3.19	
Total BTEX	<0.300	0.300	10/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/04/2021	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2021	ND	228	114	200	1.16	
DRO >C10-C28*	19.1	10.0	10/02/2021	ND	224	112	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	10/02/2021	ND					
Surrogate: 1-Chlorooctane	86.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	89.3	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/01/2021 Sampling Date: 10/01/2021

Reported: 10/06/2021 Sampling Type: Soil

Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: ** (See Notes)

Project Number: 702958.003.01 Sample Received By: Tamara Oldaker

Project Location: 3 BEAR - LEA CO NM

Sample ID: NE - BOTTOM 25' (H212731-02)

Analyte Result Reporting Limit Analyzed Method Blank Benzene* <0.050 0.050 10/04/2021 ND	BS 2.07	% Recovery	True Value QC	RPD	Qualifier
Benzene* <0.050 0.050 10/04/2021 ND	2.07			141 5	Qualifier
		104	2.00	4.90	
Toluene* <0.050 0.050 10/04/2021 ND	2.00	100	2.00	4.54	
Ethylbenzene* <0.050 0.050 10/04/2021 ND	1.97	98.4	2.00	4.31	
Total Xylenes* <0.150 0.150 10/04/2021 ND	6.00	100	6.00	3.19	
Total BTEX <0.300 0.300 10/04/2021 ND					
Surrogate: 4-Bromofluorobenzene (PID 102 % 69.9-140					
Chloride, SM4500Cl-B mg/kg Analyzed By: AC					
Analyte Result Reporting Limit Analyzed Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride 128 16.0 10/04/2021 ND	432	108	400	0.00	
TPH 8015M mg/kg Analyzed By: MS					
Analyte Result Reporting Limit Analyzed Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10* <10.0 10.0 10/02/2021 ND	228	114	200	1.16	
DRO >C10-C28* <10.0 10.0 10/02/2021 ND	224	112	200	1.39	
EXT DRO >C28-C36 <10.0 10.0 10/02/2021 ND					
Surrogate: 1-Chlorooctane 80.4 % 44.3-133					
Surrogate: 1-Chlorooctadecane 80.1 % 38.9-142					

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 10/01/2021 Sampling Date: 10/01/2021

Reported: Sampling Type: 10/06/2021 Soil

Project Name: **CHAROLAIS 6" PIPELINE** Sampling Condition: ** (See Notes) Sample Received By: Tamara Oldaker Project Number: 702958.003.01

Project Location: 3 BEAR - LEA CO NM

Sample ID: NSW 1 - LR - 4' (H212731-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2021	ND	2.07	104	2.00	4.90	
Toluene*	<0.050	0.050	10/04/2021	ND	2.00	100	2.00	4.54	
Ethylbenzene*	<0.050	0.050	10/04/2021	ND	1.97	98.4	2.00	4.31	
Total Xylenes*	<0.150	0.150	10/04/2021	ND	6.00	100	6.00	3.19	
Total BTEX	<0.300	0.300	10/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	10/04/2021	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2021	ND	228	114	200	1.16	
DRO >C10-C28*	<10.0	10.0	10/02/2021	ND	224	112	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	10/02/2021	ND					
Surrogate: 1-Chlorooctane	86.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	86.2	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 10/01/2021 Sampling Date: 10/01/2021

Reported: Sampling Type: 10/06/2021 Soil

Project Name: **CHAROLAIS 6" PIPELINE** Sampling Condition: ** (See Notes) Tamara Oldaker Project Number: 702958.003.01 Sample Received By:

Project Location: 3 BEAR - LEA CO NM

Sample ID: NSW 2 - LR - 4' (H212731-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2021	ND	2.07	104	2.00	4.90	
Toluene*	<0.050	0.050	10/04/2021	ND	2.00	100	2.00	4.54	
Ethylbenzene*	<0.050	0.050	10/04/2021	ND	1.97	98.4	2.00	4.31	
Total Xylenes*	<0.150	0.150	10/04/2021	ND	6.00	100	6.00	3.19	
Total BTEX	<0.300	0.300	10/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	10/04/2021	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2021	ND	228	114	200	1.16	
DRO >C10-C28*	<10.0	10.0	10/02/2021	ND	224	112	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	10/02/2021	ND					
Surrogate: 1-Chlorooctane	87.6	% 44.3-13.	3						
Surrogate: 1-Chlorooctadecane	88.3	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 10/01/2021 Sampling Date: 10/01/2021 Reported: Sampling Type: 10/06/2021 Soil

Project Name: **CHAROLAIS 6" PIPELINE** Sampling Condition: ** (See Notes) Tamara Oldaker Project Number: 702958.003.01 Sample Received By:

Project Location: 3 BEAR - LEA CO NM

Sample ID: NSW 3 - LR - 4' (H212731-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2021	ND	2.07	104	2.00	4.90	
Toluene*	<0.050	0.050	10/04/2021	ND	2.00	100	2.00	4.54	
Ethylbenzene*	<0.050	0.050	10/04/2021	ND	1.97	98.4	2.00	4.31	
Total Xylenes*	<0.150	0.150	10/04/2021	ND	6.00	100	6.00	3.19	
Total BTEX	<0.300	0.300	10/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	10/04/2021	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2021	ND	228	114	200	1.16	
DRO >C10-C28*	<10.0	10.0	10/02/2021	ND	224	112	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	10/02/2021	ND					
Surrogate: 1-Chlorooctane	90.7	% 44.3-13.	3						
Surrogate: 1-Chlorooctadecane	90.6	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 10/01/2021 Sampling Date: 10/01/2021 Reported: Sampling Type: 10/06/2021 Soil

Project Name: **CHAROLAIS 6" PIPELINE** Sampling Condition: ** (See Notes) Sample Received By: Tamara Oldaker Project Number: 702958.003.01

Project Location: 3 BEAR - LEA CO NM

Sample ID: SE - BOTTOM 25' (H212731-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2021	ND	2.07	104	2.00	4.90	
Toluene*	<0.050	0.050	10/04/2021	ND	2.00	100	2.00	4.54	
Ethylbenzene*	<0.050	0.050	10/04/2021	ND	1.97	98.4	2.00	4.31	
Total Xylenes*	<0.150	0.150	10/04/2021	ND	6.00	100	6.00	3.19	
Total BTEX	<0.300	0.300	10/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/04/2021	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2021	ND	228	114	200	1.16	
DRO >C10-C28*	21.2	10.0	10/02/2021	ND	224	112	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	10/02/2021	ND					
Surrogate: 1-Chlorooctane	87.2	% 44.3-13.	3						
Surrogate: 1-Chlorooctadecane	87.9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

 Received:
 10/01/2021
 Sampling Date:
 10/01/2021

 Reported:
 10/06/2021
 Sampling Type:
 Soil

Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: ** (See Notes)

Project Number: 702958.003.01 Sample Received By: Tamara Oldaker

Project Location: 3 BEAR - LEA CO NM

Sample ID: NW - BOTTOM 25' (H212731-07)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2021	ND	2.07	104	2.00	4.90	
Toluene*	<0.050	0.050	10/04/2021	ND	2.00	100	2.00	4.54	
Ethylbenzene*	<0.050	0.050	10/04/2021	ND	1.97	98.4	2.00	4.31	
Total Xylenes*	<0.150	0.150	10/04/2021	ND	6.00	100	6.00	3.19	
Total BTEX	<0.300	0.300	10/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	10/04/2021	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2021	ND	228	114	200	1.16	
DRO >C10-C28*	<10.0	10.0	10/02/2021	ND	224	112	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	10/02/2021	ND					
Surrogate: 1-Chlorooctane	88.4	% 44.3-13.	3						
Surrogate: 1-Chlorooctadecane	88.9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/01/2021 Sampling Date: 10/01/2021

Reported: 10/06/2021 Sampling Type: Soil

Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: ** (See Notes)

Project Number: 702958.003.01 Sample Received By: Tamara Oldaker

Project Location: 3 BEAR - LEA CO NM

Sample ID: BOTTOM CENTER 25' (H212731-08)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2021	ND	2.07	104	2.00	4.90	
Toluene*	<0.050	0.050	10/04/2021	ND	2.00	100	2.00	4.54	
Ethylbenzene*	<0.050	0.050	10/04/2021	ND	1.97	98.4	2.00	4.31	
Total Xylenes*	<0.150	0.150	10/04/2021	ND	6.00	100	6.00	3.19	
Total BTEX	<0.300	0.300	10/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/04/2021	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2021	ND	228	114	200	1.16	
DRO >C10-C28*	25.2	10.0	10/02/2021	ND	224	112	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	10/02/2021	ND					
Surrogate: 1-Chlorooctane	85.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	86.0	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Freene



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 10/01/2021 Sampling Date: 10/01/2021

Reported: Sampling Type: 10/06/2021 Soil

Project Name: **CHAROLAIS 6" PIPELINE** Sampling Condition: ** (See Notes) Sample Received By: Tamara Oldaker Project Number: 702958.003.01

Project Location: 3 BEAR - LEA CO NM

Sample ID: NSW 4 - LR - 4' (H212731-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2021	ND	2.07	104	2.00	4.90	
Toluene*	<0.050	0.050	10/04/2021	ND	2.00	100	2.00	4.54	
Ethylbenzene*	<0.050	0.050	10/04/2021	ND	1.97	98.4	2.00	4.31	
Total Xylenes*	<0.150	0.150	10/04/2021	ND	6.00	100	6.00	3.19	
Total BTEX	<0.300	0.300	10/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	10/04/2021	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2021	ND	232	116	200	2.29	
DRO >C10-C28*	<10.0	10.0	10/04/2021	ND	228	114	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	10/04/2021	ND					
Surrogate: 1-Chlorooctane	83.3	% 44.3-13.	3						
Surrogate: 1-Chlorooctadecane	78.7	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/01/2021 Sampling Date: 10/01/2021

Reported: 10/06/2021 Sampling Type: Soil
Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: ** (See Notes)

Project Number: 702958.003.01 Sample Received By: Tamara Oldaker

Project Location: 3 BEAR - LEA CO NM

Sample ID: ESW 1 - LR - 4' (H212731-10)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2021	ND	2.07	104	2.00	4.90	
Toluene*	<0.050	0.050	10/04/2021	ND	2.00	100	2.00	4.54	
Ethylbenzene*	<0.050	0.050	10/04/2021	ND	1.97	98.4	2.00	4.31	
Total Xylenes*	<0.150	0.150	10/04/2021	ND	6.00	100	6.00	3.19	
Total BTEX	<0.300	0.300	10/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	10/04/2021	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2021	ND	232	116	200	2.29	
DRO >C10-C28*	<10.0	10.0	10/04/2021	ND	228	114	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	10/04/2021	ND					
Surrogate: 1-Chlorooctane	80.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	76.5	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Freene



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 10/01/2021 Sampling Date: 10/01/2021

Reported: Sampling Type: 10/06/2021 Soil

Project Name: **CHAROLAIS 6" PIPELINE** Sampling Condition: ** (See Notes) Tamara Oldaker Project Number: 702958.003.01 Sample Received By:

Project Location: 3 BEAR - LEA CO NM

Sample ID: NESW 1 - 4' (H212731-11)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2021	ND	2.07	104	2.00	4.90	
Toluene*	<0.050	0.050	10/04/2021	ND	2.00	100	2.00	4.54	
Ethylbenzene*	<0.050	0.050	10/04/2021	ND	1.97	98.4	2.00	4.31	
Total Xylenes*	<0.150	0.150	10/04/2021	ND	6.00	100	6.00	3.19	
Total BTEX	<0.300	0.300	10/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/04/2021	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2021	ND	232	116	200	2.29	
DRO >C10-C28*	<10.0	10.0	10/04/2021	ND	228	114	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	10/04/2021	ND					
Surrogate: 1-Chlorooctane	83.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	79.0	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/01/2021 Sampling Date: 10/01/2021

Reported: 10/06/2021 Sampling Type: Soil

Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: ** (See Notes)

Project Number: 702958.003.01 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: 3 BEAR - LEA CO NM

Sample ID: NESW 2 - 4' (H212731-12)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2021	ND	2.07	104	2.00	4.90	
Toluene*	<0.050	0.050	10/04/2021	ND	2.00	100	2.00	4.54	
Ethylbenzene*	<0.050	0.050	10/04/2021	ND	1.97	98.4	2.00	4.31	
Total Xylenes*	<0.150	0.150	10/04/2021	ND	6.00	100	6.00	3.19	
Total BTEX	<0.300	0.300	10/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	10/04/2021	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2021	ND	232	116	200	2.29	
DRO >C10-C28*	18.5	10.0	10/04/2021	ND	228	114	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	10/04/2021	ND					
Surrogate: 1-Chlorooctane	90.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	88.5	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey & Keene



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 10/01/2021 Sampling Date: 10/01/2021

Reported: Sampling Type: 10/06/2021 Soil

Project Name: **CHAROLAIS 6" PIPELINE** Sampling Condition: ** (See Notes) Tamara Oldaker Project Number: 702958.003.01 Sample Received By:

Project Location: 3 BEAR - LEA CO NM

Sample ID: NESW 4 - 4' (H212731-13)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2021	ND	2.07	104	2.00	4.90	
Toluene*	0.125	0.050	10/04/2021	ND	2.00	100	2.00	4.54	
Ethylbenzene*	< 0.050	0.050	10/04/2021	ND	1.97	98.4	2.00	4.31	
Total Xylenes*	<0.150	0.150	10/04/2021	ND	6.00	100	6.00	3.19	
Total BTEX	<0.300	0.300	10/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/04/2021	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2021	ND	232	116	200	2.29	
DRO >C10-C28*	<10.0	10.0	10/04/2021	ND	228	114	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	10/04/2021	ND					
Surrogate: 1-Chlorooctane	89.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	85.5	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/01/2021 Sampling Date: 10/01/2021

Reported: 10/06/2021 Sampling Type: Soil

Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: ** (See Notes)
Project Number: 702958.003.01 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: 3 BEAR - LEA CO NM

Sample ID: NESW 3 - 4' (H212731-14)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2021	ND	2.07	104	2.00	4.90	
Toluene*	<0.050	0.050	10/04/2021	ND	2.00	100	2.00	4.54	
Ethylbenzene*	<0.050	0.050	10/04/2021	ND	1.97	98.4	2.00	4.31	
Total Xylenes*	<0.150	0.150	10/04/2021	ND	6.00	100	6.00	3.19	
Total BTEX	<0.300	0.300	10/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/04/2021	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2021	ND	232	116	200	2.29	
DRO >C10-C28*	<10.0	10.0	10/04/2021	ND	228	114	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	10/04/2021	ND					
Surrogate: 1-Chlorooctane	75.6	% 44.3-13.	3						
Surrogate: 1-Chlorooctadecane	72.3	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Freene



Analytical Results For:

TALON LPE REBECCA PONS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 10/01/2021 Sampling Date: 10/01/2021

Reported: 10/06/2021 Sampling Type: Soil

Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: ** (See Notes)

Project Number: 702958.003.01 Sample Received By: Tamara Oldaker

Project Location: 3 BEAR - LEA CO NM

Sample ID: NE 1 BOTTOM 4' (H212731-15)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2021	ND	2.07	104	2.00	4.90	
Toluene*	<0.050	0.050	10/04/2021	ND	2.00	100	2.00	4.54	
Ethylbenzene*	<0.050	0.050	10/04/2021	ND	1.97	98.4	2.00	4.31	
Total Xylenes*	<0.150	0.150	10/04/2021	ND	6.00	100	6.00	3.19	
Total BTEX	<0.300	0.300	10/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 % 69.9-14		0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/04/2021	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2021	ND	232	116	200	2.29	
DRO >C10-C28*	<10.0	10.0	10/04/2021	ND	228	114	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	10/04/2021	ND					
Surrogate: 1-Chlorooctane	87.0 % 44.3-133		3						
Surrogate: 1-Chlorooctadecane	83.0	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Frence



10/01/2021

Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/01/2021 Sampling Date:

Reported: 10/06/2021 Sampling Type: Soil Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: **(

Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: ** (See Notes)
Project Number: 702958.003.01 Sample Received By: Tamara Oldaker

Project Location: 3 BEAR - LEA CO NM

Sample ID: NE 2 BOTTOM 4' (H212731-16)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2021	ND	2.07	104	2.00	4.90	
Toluene*	<0.050	0.050	10/04/2021	ND	2.00	100	2.00	4.54	
Ethylbenzene*	<0.050	0.050	10/04/2021	ND	1.97	98.4	2.00	4.31	
Total Xylenes*	<0.150	0.150	10/04/2021	ND	6.00	100	6.00	3.19	
Total BTEX	<0.300	0.300	10/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 % 69.9-14		0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/04/2021	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2021	ND	232	116	200	2.29	
DRO >C10-C28*	<10.0	10.0	10/04/2021	ND	228	114	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	10/04/2021	ND					
Surrogate: 1-Chlorooctane	80.3 % 44.3-13.		3						
Surrogate: 1-Chlorooctadecane	76.2	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Frence



Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

Samples not received at proper temperature of 6°C or below.

Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 Fax (505) 393-2476		Page of W
Company Name: + 0 0	BILL TO	TS
Project Manager: Rubuses Cons		
Address: 408 W Jukab	Company: No 191	
city: dettain State: NMZip: 8271	-	
Phone #: 575 -44(-1) 990 Fax #:	Address:	
Project #: 702953,003, 11/ Project Owner:	City:	
Project Name: CMERSIATS L" DIBELINE	State: Zip:	
Coleman	Phone #:	
Sampler Name: Color A . Man 1100	Fax#:	
	PRESERV. SAMPLING	
WATER		
	OTHER: ACID/BASICE/COO OTHER: DATE	BYE
1 5w bottom 25'		7
2 N.C Boffm 25'	-	
4 - 37 10000	00000	Υ,
SN3W3LR-41	11:20	8
6 SC Bottom 25'	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2
- 6	125	
MSW4-LR.	11:28	
PLEASE NOTE: Lisbility und Darnegoes. Candhait's fedding and client's exclusive remedy for any claim artising whether based in contract or tort, shall be initiated to the an	or tort, shall be limited to the extraord paid by the client for the	Terms and Conditions: Internativally a charged and is account.
analyses. All claims including those for negligance and any other cause whatsowers shall be deemed waked unless made in writing and received by Cardinal within 30 Bays after completion of the applicable service. In no event shall Continue be liable for incidented or consequented damages, including without firefaction, business interruptors, loss of use, or loss of profits incurred by claim, it is substituted and the profits incurred by claim, it is sub	stall be deemed waked unless made in writing and received by Cardinal within 30 tinys after completion of the applicable including without firmitation, business interruptions, loss of use, or loss of profits incurred by clern, its subsidiaries, and or business interruptions, loss of use, or loss of profits incurred by clern, its subsidiaries, and or business interruptions, loss of use, or loss of profits incurred by clern, its subsidiaries, and or loss of profits incurred by clern, its subsidiaries, and or loss of profits incurred by clern, its subsidiaries, and or loss of profits incurred by clern, its subsidiaries, and its subsidiaries and its subsidiaries and its subsidiaries and its subsidiaries.	30 days past due at the rate of 24% per annum from the odginal date of twoloand at costs of collections, including attorney's less.
Date: 10-1-	Phone Result: Yes	s □ No Add'l Phone #: s □ No Add'l Fax #:
My Times 45		>
Time:	& Pons	@ falon 1 PE COM
Delivered By: (Circle One) 14.0 16-05 emp. Sample Condition	CHECKED BY:	anes a sulon toer con
13.5° #118	To.	
	The state of the s	



101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

P.O. #: Company Attn: Address: City: State: Phone #: PRESE COOL
State: Zip: Address: ct #: 7th 957.663.01 Project Owner: City: ct Name: Chauthib LM State: Zip: ct Location: Author State: Zip:
State: Zip: Attn: Ct #: 101 957.863.01 Project Owner: City: Ct Name: Choustais (M State: Zip: Ct Location: He (A MATRIX PRESERV SAMPLING Fax #: BUSE ONLY PROJECT Owner: Fax #: BUSE ONLY PRESERV SAMPLING BUSE ONLY PRESERV
Fax #: Address: City: City: State: Zip: AB OR (C)OMP. NTAINERS UNDWATER TEWATTER DGE IR ASSILL RANDLING AD A
Sample I.D. State: Zip: Phone #: Pax #: Pa
State: Zip: Column
Sample I.D. Sample I.D. AB OR (C)OMP. INTAINERS UNDWATER TEWATER DGE ER: (BASE: COOL ER:
Sample I.D. AB OR (C)OMP. INTAINERS UNDWATER TEWATER OGE ER: (BASE: COOL ER:
Sample I.D. AB OR (C)OMP. INTAINERS UNDWATER TEWATER DGE ER: (BASE: COOL ER:
Sample I.D. AB OR (C)OMP. INTAINERS UNDWATER TEWATER DOGE ER: //BASE: COOL ER:
AB OR (C)CONTAINERS UNDWATER TEWATER OGE ER: //BASE: COOL ER:
CO GRO WAS SOIL OIL SLUE ACID THE DATE
1,765001 -41
13 Mesm d. 1.
14 Nr2M3-41
to want of the state of the sta
2 5 0
Time: Received By: Received By:
Delivered By: (Circle One) 14.0c 0-0.5c Sample Condition CHECKED BY: Sampler - UPS - Bus - Other: 13.5c #13 Yes Yes Yes



October 14, 2021

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: CHAROLAIS 6" PIPELINE

Enclosed are the results of analyses for samples received by the laboratory on 10/13/21 12:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/13/2021 Sampling Date: 10/13/2021 Reported: 10/14/2021 Sampling Type: Soil

Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: ** (See Notes)
Project Number: 702958.003.01 Sample Received By: Tamara Oldaker

Project Location: 3 BEAR - LEA CO NM

Sample ID: S 5 A 6' (H212858-01)

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2021	ND	2.11	105	2.00	4.67	
Toluene*	<0.050	0.050	10/13/2021	ND	2.07	103	2.00	4.48	
Ethylbenzene*	<0.050	0.050	10/13/2021	ND	2.04	102	2.00	4.95	
Total Xylenes*	<0.150	0.150	10/13/2021	ND	6.17	103	6.00	5.09	
Total BTEX	<0.300	0.300	10/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	10/13/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2021	ND	205	103	200	4.95	
DRO >C10-C28*	<10.0	10.0	10/14/2021	ND	207	103	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	10/14/2021	ND					
Surrogate: 1-Chlorooctane	115	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	119	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/13/2021 Sampling Date: 10/13/2021

Reported: 10/14/2021 Sampling Type: Soil

Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: ** (See Notes)

Project Number: 702958.003.01 Sample Received By: Tamara Oldaker

Project Location: 3 BEAR - LEA CO NM

Sample ID: SSW - 5 A 7' (H212858-02)

BTEX 8021B	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2021	ND	2.11	105	2.00	4.67	
Toluene*	<0.050	0.050	10/13/2021	ND	2.07	103	2.00	4.48	
Ethylbenzene*	<0.050	0.050	10/13/2021	ND	2.04	102	2.00	4.95	
Total Xylenes*	<0.150	0.150	10/13/2021	ND	6.17	103	6.00	5.09	
Total BTEX	<0.300	0.300	10/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/13/2021	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2021	ND	205	103	200	4.95	
DRO >C10-C28*	<10.0	10.0	10/14/2021	ND	207	103	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	10/14/2021	ND					
Surrogate: 1-Chlorooctane	117 9	2/6 44.3-13.	3						
Surrogate: 1-Chlorooctadecane	120 9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey & Keene



Sample Received By:

Tamara Oldaker

Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 10/13/2021 Sampling Date: 10/13/2021

Reported: Sampling Type: 10/14/2021 Soil Project Name: **CHAROLAIS 6" PIPELINE** Sampling Condition: ** (See Notes)

Project Number: 702958.003.01 Project Location: 3 BEAR - LEA CO NM

Sample ID: NEB 1 25' (H212858-03)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2021	ND	2.11	105	2.00	4.67	
Toluene*	<0.050	0.050	10/13/2021	ND	2.07	103	2.00	4.48	
Ethylbenzene*	<0.050	0.050	10/13/2021	ND	2.04	102	2.00	4.95	
Total Xylenes*	<0.150	0.150	10/13/2021	ND	6.17	103	6.00	5.09	
Total BTEX	<0.300	0.300	10/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/13/2021	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2021	ND	205	103	200	4.95	
DRO >C10-C28*	<10.0	10.0	10/14/2021	ND	207	103	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	10/14/2021	ND					
Surrogate: 1-Chlorooctane	111 9	6 44.3-13	3						
Surrogate: 1-Chlorooctadecane	115 9	38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/13/2021

Reported: 10/14/2021

Project Name: CHAROLAIS 6" PIPELINE Project Number: 702958.003.01

Project Location: 3 BEAR - LEA CO NM

Sampling Date: 10/13/2021

Sampling Condition:

Sampling Type: Soil

Sample Received By: Tamara Oldaker

** (See Notes)

Sample ID: NEB 2 25' (H212858-04)

BTEX 8021B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2021	ND	2.11	105	2.00	4.67	
Toluene*	0.144	0.050	10/13/2021	ND	2.07	103	2.00	4.48	
Ethylbenzene*	0.160	0.050	10/13/2021	ND	2.04	102	2.00	4.95	
Total Xylenes*	0.187	0.150	10/13/2021	ND	6.17	103	6.00	5.09	
Total BTEX	0.491	0.300	10/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	10/13/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2021	ND	205	103	200	4.95	
DRO >C10-C28*	232	10.0	10/14/2021	ND	207	103	200	4.87	
EXT DRO >C28-C36	51.6	10.0	10/14/2021	ND					
Surrogate: 1-Chlorooctane	88.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	95.6	% 38.9-14	2						

Cardinal Laboratories

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

 Received:
 10/13/2021
 Sampling Date:
 10/13/2021

 Reported:
 10/14/2021
 Sampling Type:
 Soil

Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: ** (See Notes)
Project Number: 702958.003.01 Sample Received By: Tamara Oldaker

Project Location: 3 BEAR - LEA CO NM

Sample ID: NEB 3 25' (H212858-05)

BTEX 8021B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2021	ND	2.11	105	2.00	4.67	
Toluene*	0.069	0.050	10/13/2021	ND	2.07	103	2.00	4.48	
Ethylbenzene*	0.153	0.050	10/13/2021	ND	2.04	102	2.00	4.95	
Total Xylenes*	0.241	0.150	10/13/2021	ND	6.17	103	6.00	5.09	
Total BTEX	0.463	0.300	10/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/13/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.7	10.0	10/14/2021	ND	205	103	200	4.95	
DRO >C10-C28*	783	10.0	10/14/2021	ND	207	103	200	4.87	
EXT DRO >C28-C36	146	10.0	10/14/2021	ND					
Surrogate: 1-Chlorooctane	111	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	130	% 38.9-14	2						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client; subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 10/13/2021 Sampling Date: 10/13/2021 Reported: Sampling Type: 10/14/2021 Soil

Project Name: **CHAROLAIS 6" PIPELINE** Sampling Condition: ** (See Notes) Sample Received By: Project Number: 702958.003.01 Tamara Oldaker

Project Location: 3 BEAR - LEA CO NM

Sample ID: NEB 4 25' (H212858-06)

BTEX 8021B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2021	ND	2.11	105	2.00	4.67	
Toluene*	<0.050	0.050	10/13/2021	ND	2.07	103	2.00	4.48	
Ethylbenzene*	<0.050	0.050	10/13/2021	ND	2.04	102	2.00	4.95	
Total Xylenes*	<0.150	0.150	10/13/2021	ND	6.17	103	6.00	5.09	
Total BTEX	<0.300	0.300	10/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/13/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2021	ND	205	103	200	4.95	
DRO >C10-C28*	30.0	10.0	10/14/2021	ND	207	103	200	4.87	
EXT DRO >C28-C36	17.4	10.0	10/14/2021	ND					
Surrogate: 1-Chlorooctane	109	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	114	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 10/13/2021 Sampling Date: 10/13/2021

Reported: Sampling Type: 10/14/2021 Soil **CHAROLAIS 6" PIPELINE**

Project Name: Sampling Condition: ** (See Notes) Tamara Oldaker Project Number: 702958.003.01 Sample Received By:

Project Location: 3 BEAR - LEA CO NM

Sample ID: NEB 5 25' (H212858-07)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2021	ND	2.11	105	2.00	4.67	
Toluene*	0.055	0.050	10/13/2021	ND	2.07	103	2.00	4.48	
Ethylbenzene*	0.063	0.050	10/13/2021	ND	2.04	102	2.00	4.95	
Total Xylenes*	<0.150	0.150	10/13/2021	ND	6.17	103	6.00	5.09	
Total BTEX	<0.300	0.300	10/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/13/2021	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2021	ND	205	103	200	4.95	
DRO >C10-C28*	380	10.0	10/14/2021	ND	207	103	200	4.87	
EXT DRO >C28-C36	85.9	10.0	10/14/2021	ND					
Surrogate: 1-Chlorooctane	94.6	% 44.3-13.	3						
Surrogate: 1-Chlorooctadecane	109 9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

 Received:
 10/13/2021
 Sampling Date:
 10/13/2021

 Reported:
 10/14/2021
 Sampling Type:
 Soil

Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: ** (See Notes)
Project Number: 702958.003.01 Sample Received By: Tamara Oldaker

Project Location: 3 BEAR - LEA CO NM

Sample ID: NEB 6 25' (H212858-08)

BTEX 8021B	mg	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2021	ND	2.11	105	2.00	4.67	
Toluene*	<0.050	0.050	10/13/2021	ND	2.07	103	2.00	4.48	
Ethylbenzene*	<0.050	0.050	10/13/2021	ND	2.04	102	2.00	4.95	
Total Xylenes*	<0.150	0.150	10/13/2021	ND	6.17	103	6.00	5.09	
Total BTEX	<0.300	0.300	10/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/13/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2021	ND	207	104	200	5.94	
DRO >C10-C28*	<10.0	10.0	10/14/2021	ND	215	108	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	10/14/2021	ND					
Surrogate: 1-Chlorooctane	92.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	92.4	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 10/13/2021 Sampling Date: 10/13/2021

Reported: Sampling Type: 10/14/2021 Soil

Project Name: **CHAROLAIS 6" PIPELINE** Sampling Condition: ** (See Notes) Tamara Oldaker Project Number: 702958.003.01 Sample Received By:

Project Location: 3 BEAR - LEA CO NM

Sample ID: NEB 7 25' (H212858-09)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2021	ND	2.11	105	2.00	4.67	
Toluene*	0.093	0.050	10/13/2021	ND	2.07	103	2.00	4.48	
Ethylbenzene*	0.093	0.050	10/13/2021	ND	2.04	102	2.00	4.95	
Total Xylenes*	<0.150	0.150	10/13/2021	ND	6.17	103	6.00	5.09	
Total BTEX	<0.300	0.300	10/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/13/2021	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2021	ND	207	104	200	5.94	
DRO >C10-C28*	236	10.0	10/14/2021	ND	215	108	200	3.89	
EXT DRO >C28-C36	35.6	10.0	10/14/2021	ND					
Surrogate: 1-Chlorooctane	120 9	% 44.3-13.	3						
Surrogate: 1-Chlorooctadecane	134 9	38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Tamara Oldaker

Sample Received By:

Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/13/2021 Sampling Date: 10/13/2021

Reported: 10/14/2021 Sampling Type: Soil

Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: ** (See Notes)

Project Number: 702958.003.01
Project Location: 3 BEAR - LEA CO NM

Sample ID: NEB 8 25' (H212858-10)

BTEX 8021B	mg,	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2021	ND	2.11	105	2.00	4.67	
Toluene*	<0.050	0.050	10/13/2021	ND	2.07	103	2.00	4.48	
Ethylbenzene*	<0.050	0.050	10/13/2021	ND	2.04	102	2.00	4.95	
Total Xylenes*	<0.150	0.150	10/13/2021	ND	6.17	103	6.00	5.09	
Total BTEX	<0.300	0.300	10/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/13/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2021	ND	207	104	200	5.94	
DRO >C10-C28*	361	10.0	10/14/2021	ND	215	108	200	3.89	
EXT DRO >C28-C36	29.2	10.0	10/14/2021	ND					
Surrogate: 1-Chlorooctane	125	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	138	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



10/13/2021

Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/13/2021 Sampling Date:

Reported: 10/14/2021 Sampling Type: Soil

Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: ** (See Notes)
Project Number: 702958.003.01 Sample Received By: Tamara Oldaker

Project Location: 3 BEAR - LEA CO NM

Sample ID: NWB 1 25' (H212858-11)

BTEX 8021B	mg	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2021	ND	2.11	105	2.00	4.67	
Toluene*	<0.050	0.050	10/13/2021	ND	2.07	103	2.00	4.48	
Ethylbenzene*	<0.050	0.050	10/13/2021	ND	2.04	102	2.00	4.95	
Total Xylenes*	<0.150	0.150	10/13/2021	ND	6.17	103	6.00	5.09	
Total BTEX	<0.300	0.300	10/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/13/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2021	ND	207	104	200	5.94	
DRO >C10-C28*	<10.0	10.0	10/14/2021	ND	215	108	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	10/14/2021	ND					
Surrogate: 1-Chlorooctane	129	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	137	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/13/2021 Sampling Date: 10/13/2021

Reported: 10/14/2021 Sampling Type: Soil

Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: ** (See Notes)

Project Number: 702958.003.01 Sample Received By: Tamara Oldaker

Analyzed By: CK

Project Location: 3 BEAR - LEA CO NM

Sample ID: NWB 2 25' (H212858-12)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2021	ND	2.11	105	2.00	4.67	
Toluene*	<0.050	0.050	10/13/2021	ND	2.07	103	2.00	4.48	
Ethylbenzene*	<0.050	0.050	10/13/2021	ND	2.04	102	2.00	4.95	
Total Xylenes*	<0.150	0.150	10/13/2021	ND	6.17	103	6.00	5.09	
Total BTEX	<0.300	0.300	10/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/13/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2021	ND	207	104	200	5.94	
DRO >C10-C28*	82.0	10.0	10/14/2021	ND	215	108	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	10/14/2021	ND					
Surrogate: 1-Chlorooctane	123	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	132	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/13/2021 Sampling Date: 10/13/2021

Reported: 10/14/2021 Sampling Type: Soil

Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: ** (See Notes)

Project Number: 702958.003.01 Sample Received By: Tamara Oldaker

Project Location: 3 BEAR - LEA CO NM

Sample ID: NWB 3 25' (H212858-13)

BTEX 8021B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2021	ND	2.11	105	2.00	4.67	
Toluene*	<0.050	0.050	10/13/2021	ND	2.07	103	2.00	4.48	
Ethylbenzene*	<0.050	0.050	10/13/2021	ND	2.04	102	2.00	4.95	
Total Xylenes*	<0.150	0.150	10/13/2021	ND	6.17	103	6.00	5.09	
Total BTEX	<0.300	0.300	10/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/13/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2021	ND	207	104	200	5.94	
DRO >C10-C28*	12.1	10.0	10/14/2021	ND	215	108	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	10/14/2021	ND					
Surrogate: 1-Chlorooctane	117	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	120	% 38.9-14	2						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Frence



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/13/2021 Sampling Date: 10/13/2021

Reported: 10/14/2021 Sampling Type: Soil

Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: ** (See Notes)
Project Number: 702958.003.01 Sample Received By: Tamara Oldaker

Project Location: 3 BEAR - LEA CO NM

Sample ID: NWB 4 25' (H212858-14)

BTEX 8021B	mg	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2021	ND	2.11	105	2.00	4.67	
Toluene*	<0.050	0.050	10/13/2021	ND	2.07	103	2.00	4.48	
Ethylbenzene*	<0.050	0.050	10/13/2021	ND	2.04	102	2.00	4.95	
Total Xylenes*	<0.150	0.150	10/13/2021	ND	6.17	103	6.00	5.09	
Total BTEX	<0.300	0.300	10/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/13/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2021	ND	207	104	200	5.94	
DRO >C10-C28*	98.9	10.0	10/14/2021	ND	215	108	200	3.89	
EXT DRO >C28-C36	10.6	10.0	10/14/2021	ND					
Surrogate: 1-Chlorooctane	106	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	112	% 38.9-14	2						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kune



Tamara Oldaker

Sample Received By:

Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/13/2021 Sampling Date: 10/13/2021

Reported: 10/14/2021 Sampling Type: Soil

Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: ** (See Notes)

Project Location: 3 BEAR - LEA CO NM

702958.003.01

Sample ID: BC 1 25' (H212858-15)

Project Number:

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2021	ND	1.92	95.8	2.00	3.85	
Toluene*	<0.050	0.050	10/13/2021	ND	1.82	91.2	2.00	0.00	
Ethylbenzene*	<0.050	0.050	10/13/2021	ND	1.91	95.5	2.00	5.34	
Total Xylenes*	<0.150	0.150	10/13/2021	ND	5.68	94.7	6.00	4.66	
Total BTEX	<0.300	0.300	10/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/13/2021	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2021	ND	196	98.0	200	1.83	
DRO >C10-C28*	20.6	10.0	10/14/2021	ND	231	115	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	10/14/2021	ND					
Surrogate: 1-Chlorooctane	92.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	90.0	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Frence



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/13/2021 Sampling Date: 10/13/2021

Reported: 10/14/2021 Sampling Type: Soil

Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: ** (See Notes)

Project Number: 702958.003.01 Sample Received By: Tamara Oldaker

Project Location: 3 BEAR - LEA CO NM

Sample ID: BC 2 25' (H212858-16)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2021	ND	1.92	95.8	2.00	3.85	
Toluene*	<0.050	0.050	10/13/2021	ND	1.82	91.2	2.00	0.00	
Ethylbenzene*	<0.050	0.050	10/13/2021	ND	1.91	95.5	2.00	5.34	
Total Xylenes*	<0.150	0.150	10/13/2021	ND	5.68	94.7	6.00	4.66	
Total BTEX	<0.300	0.300	10/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/13/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2021	ND	196	98.0	200	1.83	
DRO >C10-C28*	30.2	10.0	10/14/2021	ND	231	115	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	10/14/2021	ND					
Surrogate: 1-Chlorooctane	107	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	105	% 38.9-14	2						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/13/2021 Sampling Date: 10/13/2021

Reported: 10/14/2021 Sampling Type: Soil Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: **(

Project Name: CHAROLAIS 6" PIPELINE Sampling Condition: ** (See Notes)
Project Number: 702958.003.01 Sample Received By: Tamara Oldaker

Project Location: 3 BEAR - LEA CO NM

Sample ID: BC 3 25' (H212858-17)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2021	ND	1.92	95.8	2.00	3.85	
Toluene*	<0.050	0.050	10/13/2021	ND	1.82	91.2	2.00	0.00	
Ethylbenzene*	<0.050	0.050	10/13/2021	ND	1.91	95.5	2.00	5.34	
Total Xylenes*	<0.150	0.150	10/13/2021	ND	5.68	94.7	6.00	4.66	
Total BTEX	<0.300	0.300	10/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/13/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2021	ND	196	98.0	200	1.83	
DRO >C10-C28*	228	10.0	10/14/2021	ND	231	115	200	2.92	
EXT DRO >C28-C36	38.7	10.0	10/14/2021	ND					
Surrogate: 1-Chlorooctane	103	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	107	% 38.9-14	2						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Blaneager: Authorized By: Clicic One) 2012/2 - 2.5 c

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

company vame:	ANALYSIS REQUEST	
Project Manager:		
Address: 45 7 W MUN	Company: On John	
] .	Attn:	
Phone *: 576-441-0646 Fax #:	Address:	
Project #: 7 62958, 1903 / Project Owner:	City;	
Project Name: Character b" by 100 15	State: Zip:	
Project Location:	Phone #:	,
Sampler Name: (1) (1) (1) (1)	Fax #:	
FOR LAB USE ONLY / MATRIX	PRESERV. SAMPLING	
R (C)OMP		
(G)RAB OF # CONTAIN GROUNDY WASTEWASOID OIL SLUDGE	OTHER: ACID/BASE CE/COOL OTHER: DATE THE	
NWB1 251	1/2//2/	
16 NWB2 25'	9	
13, 216, 25,	-	
25'	70:57	
16 BC 2 251	R	
17 363 251	1/1/0	
LEASE NOTE: Liability and Demages, Cardinat's lability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsever rishall be desired walved unless made in writing and received by Cardinat within 30 days after completion of the applicable service. In no event shall Cardinat be liable for inoderial or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors statishing out of or related to the performance of services hereunder by Cardinat, regardless of whether such claim is based upon any of the above stated researce or chiracters.	ator tort, shall be limited to the amount paid by the client for the clerk of the applicable of the policy of the applicable of the clerk of the cle	
1013121 Necessary SA:	Phone Result:	
	Bush!	i
Sampler - UPS - Bus - Other: 19.6c #13 Sample Condition Sampler - UPS - Bus - Other: 19.6c #13 No No	dition CHECKED BY: (Initials) Yes No	
† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326	(575) 393-2326	,

Page 21 of 21



November 09, 2021

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: CHAROLAIS 6" PIPELINE

Enclosed are the results of analyses for samples received by the laboratory on 11/08/21 11:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 11/08/2021 Reported: 11/09/2021

Project Name: CHAROLAIS 6" PIPELINE

mg/kg

Project Number: 702958.003.01

Project Location: 3 BEAR - LEA CO NM

Sampling Date: 11/06/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

Sample ID: NEB 2 26.5' (H213155-01)

BTEX 8021B

DILX 6021D	ilig	/ Ng	Allalyze	u by. 143					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2021	ND	1.98	99.0	2.00	6.47	
Toluene*	<0.050	0.050	11/08/2021	ND	1.91	95.5	2.00	6.82	
Ethylbenzene*	<0.050	0.050	11/08/2021	ND	1.88	93.8	2.00	7.65	
Total Xylenes*	<0.150	0.150	11/08/2021	ND	5.68	94.6	6.00	8.20	
Total BTEX	<0.300	0.300	11/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/08/2021	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2021	ND	216	108	200	6.47	
DRO >C10-C28*	<10.0	10.0	11/08/2021	ND	214	107	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	11/08/2021	ND					
Surrogate: 1-Chlorooctane	66.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	65.1	% 38.9-14	2						

Analyzed By: MS

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Freene



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/08/2021 Sampling Date: 11/06/2021

Reported: 11/09/2021 Sampling Type: Soil

Project Name: **CHAROLAIS 6" PIPELINE** Sampling Condition: Cool & Intact Sample Received By: Project Number: 702958.003.01 Yvonne Muniz

Project Location: 3 BEAR - LEA CO NM

Sample ID: BC 3 26.5' (H213155-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2021	ND	1.98	99.0	2.00	6.47	
Toluene*	<0.050	0.050	11/08/2021	ND	1.91	95.5	2.00	6.82	
Ethylbenzene*	<0.050	0.050	11/08/2021	ND	1.88	93.8	2.00	7.65	
Total Xylenes*	<0.150	0.150	11/08/2021	ND	5.68	94.6	6.00	8.20	
Total BTEX	<0.300	0.300	11/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/08/2021	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2021	ND	216	108	200	6.47	
DRO >C10-C28*	<10.0	10.0	11/08/2021	ND	214	107	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	11/08/2021	ND					
Surrogate: 1-Chlorooctane	88.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	86.8	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keene

Laboratories

Company Name:

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

TES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company: Address: Clip: Cli	anager: RUULLA POLS P.O.#: BULLING ANALYSIS
--	---

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 70308

CONDITIONS

Operator:	OGRID:
3BEAR FIELD SERVICES, LLC	372603
1512 Larimer St, Suite 540	Action Number:
Denver, CO 80202	70308
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	1/25/2022